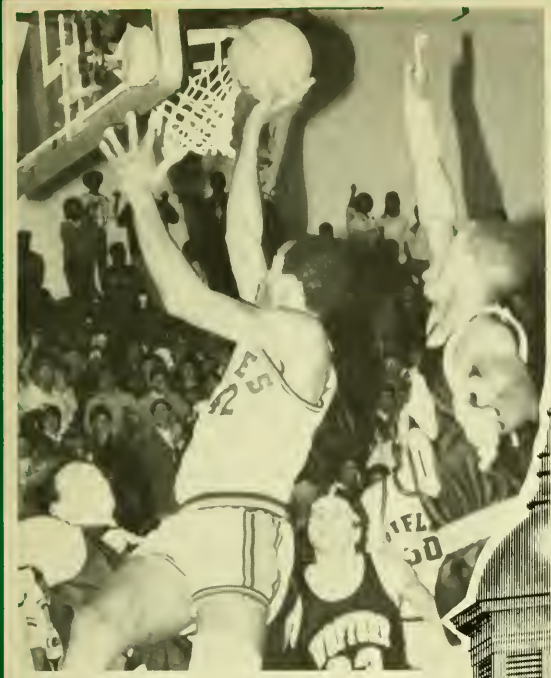

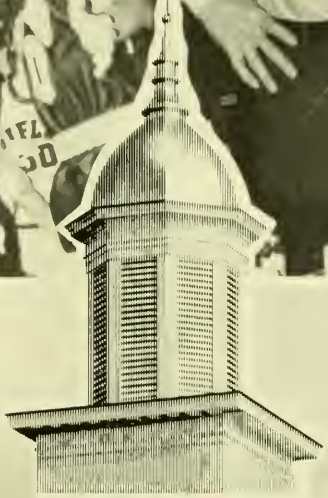

USCS

# The University of South Carolina at Spartanburg

## CATALOG: 1986-1987

# UNIVERSITY OF SOUTH CAROLINA AT SPARTANBURG

# CATALOG: 1986-1987

**The University of South Carolina**
**at Spartanburg**

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The University of South Carolina at Spartanburg reserves the right to make changes in curricula, degree requirements, course offerings, and all academic regulations when in the judgment of the faculty, the Chancellor, the President, or the Board of Trustees such changes are in the best interest of the students and the university.

Registration at the university assumes the students' acceptance of all published academic regulations, including those which appear in this catalog and all others found in any official announcement.

The University of South Carolina at Spartanburg is committed to a policy of affirmative action which assures equal opportunity in education and employment to all qualified persons regardless of race, sex, religion, creed, handicap, disability, veteran status, national origin, or ancestry.

I certify that this catalog is true and correct in content and policy and states progress requirements for graduation.

Olin Sansbury, Jr.
Chancellor, USCS

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# ACADEMIC CALENDAR

## Fall 1986

| | |
|---|---|
| August 21, Thursday | Walk-in registration |
| August 22, Friday | Late registration begins |
| August 25, Monday | Classes begin<br>Late registration |
| August 26, Tuesday | Drop-Add begins |
| August 27, Wednesday | Late registration and Drop-Add ends |
| September 1, Monday | Labor Day |
| September 19, Friday | Last day to apply for December graduation |
| October 21, Tuesday | Last day to withdraw without penalty |
| November 4, Tuesday | Election Day holiday |
| November 10-21, Monday-Friday | Early registration for Spring 1987 |
| November 27-28, Thursday-Friday | Thanksgiving holiday |
| December 5, Friday | Classes end |
| December 8-12, Monday-Friday | Final examinations |

## Spring 1987

| | |
|---|---|
| January 13, Tuesday | Walk-in registration |
| January 14, Wednesday | Classes begin,<br>Late registration |
| January 15, Thursday | Drop-Add begins |
| January 16, Friday | Late registration,<br>Drop-Add ends |
| March 4, Wednesday | Last day to apply for May graduation |

| | |
|---|---|
| March 11, Wednesday | Last day to withdraw without penalty |
| April 13-17, Monday-Friday | Spring Break |
| April 30, Thursday | Classes end |
| May 1 - May 8, Friday-Friday | Final examinations |

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## THE UNIVERSITY

The University of South Carolina at Spartanburg is one of four coeducational baccalaureate degree granting campuses in the University of South Carolina system. USCS offers bachelor degree programs in fourteen subject areas, plus the associate of arts, associate of science, and the associate of science in technical nursing degrees. It is fully accredited by the Southern Association of Colleges and Schools. USCS also offers concentrations in journalism for English majors, public administration for political science majors, and applied mathematics and information management for computer science majors.

More than 120 full-time instructors and professors make up the faculty at USCS. Approximately three-fourths of them hold the highest degree in their field. Institutions attended by faculty include a broad representation of colleges and universities.

The following is the official USCS statement of purpose, adopted by the Faculty Senate:

> USCS exists to serve the people of the Piedmont region of the Carolinas. Because high quality education should be readily available, USCS maintains low tuition and schedules courses at times that are convenient to both full-time and working students. Programs are designed to enrich the economic, cultural, and intellectual life of the students and the community by combining career preparation with a foundation in the arts and sciences. USCS, located in an area with a growing international community, recognizes the increasing interdependence among nations and seeks to expand the horizons of its students by incorporating a global perspective into its programs. Acknowledging that learning is a lifelong process requiring constant renewal, USCS also provides continuing education programs designed to meet the professional and personal needs of a variety of people within the region. As a dynamic university, USCS continues to reflect and support its unique community needs and resources, which include students with great diversity in their academic preparation and background. The university intends to serve even more people in more ways and will consider, when appropriate, the introduction of new undergraduate and graduate programs, the establishment of special institutes, and the expansion of research activities. The University of South Carolina at Spartanburg offers equal opportunity in its employment, admissions, and educational activities in compliance with Title IX and other civil rights laws.

## History

The history of the University of South Carolina at Spartanburg is a chronicle of remarkable growth and development. In 17 years, USCS has grown from a small regional campus into an important center of higher education for the entire upcountry region.

USCS was established primarily to avert what could have been a serious health care problem. In 1967, the Spartanburg General Hospital announced it was phasing out its diploma program for registered nurses. A citizens' committee investigated the situation and ultimately requested that Spartanburg be included in the University of South Carolina system.

The Spartanburg Regional Campus, as the two-year school was first known, opened its doors in the fall of 1967 to 177 students, many of whom pursued an associate of science degree in technical nursing. The first class began its studies in the fall of 1967 on the first floor of the Spartanburg General Hospital Nursing Residence. Classes met there for two years. When the enrollment reached 488, classes were moved to the old County Health Department. Rapid growth soon made USCS a candidate for four-year status under the provisions of a 1972 legislative act.

In the fall of 1975, the Spartanburg Regional Campus officially became the University of South Carolina at Spartanburg and the first twelve bachelor degree programs were approved by the South Carolina Commission on Higher Education. Within a year, USCS became fully accredited by the Southern Association of Colleges and Schools and awarded its first baccalaureate degrees. Today, with an undergraduate enrollment of more than 2600, USCS looks forward to expanding its services to citizens from all over the Piedmont.

## Public Service

The University of South Carolina at Spartanburg serves students primarily from Spartanburg, Greenville, Cherokee, Union, and Laurens counties. The University is dedicated to meeting the needs of students as well as the general public.

For a number of years, thousands of public school students have participated in programs such as the Piedmont Regional Science Fair, the Maggie's Drawers competition for writers and artists, District History Day, and the mini-Olympics. Public school teachers and administrators benefit from short courses offered by various schools and departments of the university and the Science Education Center in the School of Education. In 1985, USCS established a Center of Excellence to improve instruction in science for elementary school teachers and future teachers. In this project, school districts in Spartanburg County furnish master teachers to work with USCS faculty to staff the center.

USCS administers 70001, a youth employment program which

provides employability training and job placement, instruction, and career activities for school drop outs. USCS manages the program in Cherokee, Spartanburg, and Union counties.

Through the Graduate Regional Studies Program, about 800 students take courses on the USCS campus toward master's degrees from USC-Columbia. Many other people in the community take non-credit short courses in Continuing Education to upgrade their skills or broaden their interests.

The Counseling and Career Development Center and the Developmental Studies Office provide services to non-students as well as students. Community members may also use library resources.

In 1984 USCS established the Center for Economic and Community Development to study change in the Piedmont region for the support of civic and business groups in the area. The center collects and analyzes business and economic information.

Each year USCS offers a wide range of events in the arts which are open to the public. The university calendar includes music, art, and drama. There is also a series of lectures on world affairs. The International Club presents a series of foreign films. Various events highlight Black History Month. Recent guests on campus have included distinguished faculty from other colleges and universities, educators from foreign counties, outstanding business leaders, and career officers from the U. S. Departments of State and Commerce.

## The Carolina Piedmont Foundation, Inc.

Chartered on February 2, 1973, the Carolina Piedmont Foundation, Inc. exists to "accept gifts of charitable, benevolent, cultural and educational purposes for the exclusive benefit and use of the University of South Carolina at Spartanburg." Fully accredited as a non-profit organization under section 501 (c) (3) of the Internal Revenue Code, the Foundation is governed by a board of directors consisting of prominent men and women from upstate South Carolina.

The Foundation's most conspicuous achievement has been the successful effort to raise private funds for the new building for the Mary Black School of Nursing. The building was occupied in the fall of 1982. Other projects have included administering scholarship and loan endowments, establishing the Richard E. Tukey Memorial Fund, and supporting USCS public service activities.

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**Carolina Piedmont Foundation, Inc.**

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Senator Nick Theodore, Greenville

# ADMISSION

The University of South Carolina at Spartanburg strives to provide an opportunity to students who are capable of benefiting from a college education and who show promise of successfully completing that education.

All admission policies and procedures are subject to continuous review by the Admissions Office and the Committee on Admissions and Petitions. Although an effort is made to publicize changes, these policies and procedures may be changed without notice by the faculty and the Board of Trustees.

Prospective students may obtain application forms from the Admissions Office at the University of South Carolina at Spartanburg, located on the second floor of the Administration Building.

In order for USCS to provide the best possible educational experience for all students enrolled, the university limits enrollment to the number of students that can be reasonably accommodated by the resources available. Students are urged to apply for admission as soon as possible since some programs may be filled several months before the priority deadlines, especially in the fall term.

The following are priority dates for application to USCS:

| | |
|---|---|
| Fall term: | August 1 |
| Spring term: | December 1 |
| Summer term: | two weeks prior to registration for the term |

These dates may be changed at the discretion of the Chancellor. Although applications continue to be received after the priority deadline, applicants meeting this deadline are given first consideration.

Only students with complete credentials are allowed to register. Students enrolled at another institution when they apply to USCS are permitted to register, provided that a current transcript is on file before registration. A final transcript must be on file before the end of the semester. Final determination of whether a student is accepted or not accepted depends on final receipt and evaluation of all credentials.

The university reserves the right to place conditions on the admission of any student. In the event such action is taken, the conditions are clearly explained in the letter of acceptance.

# RESIDENCY REQUIREMENTS

The University of South Carolina at Spartanburg is required under guidelines enacted by the South Carolina Legislature to determine the residence classification of applicants and students for purposes of fees and tuition. The initial determination of one's resident classification is made at the time of admissions. The determination made at that time, and any determination made thereafter, prevails for each subsequent semester until the determination is successfully challenged.

## Law Governing Residence

The rules regarding the establishment of legal residence for fee and tuition purposes at the University are governed by the Code of Laws of South Carolina. Under the law, residence for fee and tuition purposes can be established by an independent citizen or by certain classes of independent immigrants. There are also provisions in the law applicable to the resident classification of dependent persons. Generally, the resident status of a dependent person is based on the resident status of the parent, spouse, or guardian upon whom the dependent person is financially dependent.

## Definitions

**Reside** means continuous and permanent physical presence within the state.

**Domicile** is defined as the true, fixed, principal residence and place of habitation indicating where a person intends to remain, or to where one expects to return when away.

**Independent persons** are persons one in their majority (18 or older), whose predominant source of income is their own earnings or income from employment, investments, or payments from trusts, grants, scholarships, loans, or payments made in accordance with court order. An independent person is also one who is independent during the tax year immediately prior to the year in which resident status is claimed and whose independent status has not changed.

Dependent person is a person whose predominant source of income or support is payments from a parent, spouse, or guardian and who qualifies as a dependent (or exemption) on federal income tax return of the parent, spouse, or guardian.

## Resident Classification

In order to be classified as a South Carolina resident for fee

and tuition purposes, an independent person must physically reside and be domiciled in South Carolina for at least twelve months immediately preceding the date that classes begin for the term for which resident status is to be determined. The independent person must couple their physical presence within the state for twelve months with objective evidence that they intend to establish a permanent home in South Carolina. If these steps are delayed, the twelve-month durational period will be extended until both physical presence and intent have been demonstrated for twelve months. Physical presence within the state solely for educational purposes does not constitute the establishment of South Carolina residence for fee and tuition purposes, regardless of the length of stay.

### Establishing Requisite Intent

Persons requesting classification as a South Carolina resident for fee and tuition purposes must demonstrate clear and convincing evidence that they intend to establish permanent residence in South Carolina.

The following may be considered convincing evidence that one intends to establish permanent residence in South Carolina: registering to vote and voting in South Carolina elections; obtaining a South Carolina driver's license, or if a non-driver, a South Carolina identification card; obtaining South Carolina vehicle registration; paying South Carolina income taxes as a resident, including income earned outside South Carolina from the date residence is established; owning principal residence in South Carolina; existence of immediate family members in South Carolina; having bank accounts or loans with banking institutions in South Carolina; offer and acceptance of full-time employment in South Carolina, and absence of this evidence in other states during any period for which residence in South Carolina is asserted. It should be noted that not any one of these factors or any group of these factors are necessarily determinative. Each case is decided individually on the basis of all facts submitted.

### Independent Immigrants

An independent person who is an immigrant may be entitled to resident classification if the person has been lawfully admitted to the United States for permanent residence and has thereafter physically resided and established permanent residence in South Carolina for at least twelve months immediately prior to the date that classes begin for the applicable term. Non-resident immigrants present in the United States under the terms of visa classifications "A," "G," "I," or "L" who can demonstrate permanent residence in South Carolina for at least twelve months

while holding such visas may be entitled to resident classification.

## Rules Applying to Dependents

**Dependent Immigrants.** A dependent immigrant may be entitled to resident classification if the immigrant and the parent of the immigrant have been lawfully admitted to the United States for permanent residence and the parent has physically resided and established permanent residence in South Carolina for at least twelve months after admission for permanent residence.

**Divorced or Separated Parent Situations.** The resident status of a dependent person whose parents are separated or divorced may be based on the resident status of the parent who supports and claims the dependent person as a dependent for federal income tax purposes, or it may be based on the resident status of the parent who has legal custody.

## Effect of Change of Residency

If the person upon whom the dependent person is dependent moves from the state, the dependent person may enroll and continue to be enrolled at the in-state rate, provided the person upon whom the dependent person is dependent was domiciled in South Carolina for at least three years immediately prior to the dependent person's enrollment. Persons qualifying under this provision are eligible to pay in-state fees as long as there is not an interruption in their enrollment, summer terms excluded.

If dependent or independent persons have been domiciled in South Carolina for less than three years and their resident status changes between the time of acceptance and actual enrollment, they may be allowed to pay resident fees the semester for which accepted and a grace period of one additional semester, provided they were permanent residents at least twelve months prior to acceptance for admissions. If their resident status changes after they enroll, they may retain resident status for the continuations of the semester in which their resident status changed and a grace period of one additional semester.

## Effect of Marriage

If a non-resident marries a South Carolina resident, the non-resident does not automatically acquire South Carolina resident status. The non-resident may acquire South Carolina resident status if the South Carolina resident is an independent person and the non-resident is a dependent of the South Carolina resident.

## Exceptions

**Military Personnel and Their Dependents.** Members of the United States armed forces (and their dependents) who are stationed in South Carolina on active duty may be considered eligible for in-state rates. When such personnel are ordered away from the state, their dependents may continue for an additional twelve months to have this eligibility. Such persons (and their dependents) may also be considered eligible for in-state rates for a period of twelve months after their discharge from the military, provided they have demonstrated an intent to establish permanent residence in South Carolina and they have resided in South Carolina for a period of at least twelve months immediately preceding their discharge.

Military personnel whose educational expenses are paid by the federal government are ineligible to pay in-state fees.

**Faculty and Administrative Employees, and Their Dependents.** Full-time faculty and administrative employees of South Carolina state-supported colleges and universities are eligible for in-state rates without regard to their state of permanent residence. Dependents of such persons are also eligible for in-state rates.

**Residents with Full-Time Employment and Their Dependents.** Independent persons who have resided and been domiciled in South Carolina for less than twelve months may be eligible for the in-state rates if they are full-time employed (minimum 37.5 hours a week on a single job) in the state and they will continue to work full-time until they meet the twelve-month requirement. The dependents of such persons may also be eligible for in-state rates.

Persons qualifying under any of the exemptions must complete a questionnaire to verify their eligibility under the applicable exemptions.

## Maintaining Residence

A person's temporary absence from the state does not necessarily constitute loss of South Carolina residence unless the person has acted inconsistently with the claim of continued South Carolina residence during absence from the state. The burden is on the person to show retention of South Carolina residence during the absence from the state. Steps a person should take to retain South Carolina resident status for fee and tuition purposes include: continuing to use a South Carolina permanent address in all records; satisfying South Carolina resident income tax obligations (it should be noted that individuals claiming permanent residence in South Carolina are liable for payment of income taxes on their total income taxes on their total income from the date that they establish South Carolina residence; this includes income earned in another state or country); retaining South Carolina voter's registration,

voting by absentee ballot; maintaining South Carolina driver's license and vehicle registration.

## Application for Resident Status

Persons applying for resident classification must complete a residency application and supply supportive documentation at least three weeks prior to the fee payment deadline for the applicable term to allow sufficient time for a decision to be made. Persons who submit residency applications less than three weeks prior to fee payment deadlines for applicable terms may be required to pay out-of-state-fees.

Refunds may be requested anytime during the fiscal year in which the applicable term occurs. The fiscal year begins on July 1 of each year and ends on June 30 of the following year.

## Incorrect Classification

Persons classified incorrectly as residents are subject to reclassification and to payment of all non-resident fees not paid. If incorrect classification results from false or concealed facts, such persons will be charged tuition and fees past due and unpaid at the out-of-state rate, plus interest at a rate of 8% per annum, plus a penalty amounting to 25% of the out-of-state rate for one semester. Until these charges are paid, such persons will not be allowed to receive transcripts or graduate from the University. Residents whose resident status changes are responsible for notifying the Residency Office of such changes.

## Inquiries

Inquiries regarding residency requirements and determinations should be directed to the Director of Admissions, University of South Carolina at Spartanburg, Spartanburg, SC. 29303, (803) 578-1800. No other university personnel are authorized to supply information relative to residency requirements for tuition purposes.

The Director of Admissions is bound by state law to up hold the residency rules. His duty is to review the facts and details of any case brought to him and to make a residency decision based on the facts presented. The director may not waive any provisions of the law.

Note: This is a summation, not a complete explanation, of the law regarding residence. A copy of the law is available in the Admissions Office. The residency requirements are subject to change without notification.

## FRESHMAN ADMISSION REQUIREMENTS

Admission with classification as a freshman applies to beginning college students and to transfer students with fewer than 30-semester hours of college work attempted. The admission procedure is as follows:

1. Submission of completed application form, application fee of $25, and transcript of high school record.
2. Submission of S.A.T. scores or A.C.T. scores (students 22 years of age or over may be admitted without these scores).
3. Submission of evidence of high school graduation or official graduate equivalent degree transcript.

Prospective students must have adequate preparation for the curriculum in which they plan to enroll. In addition, prospective students graduating from high school in 1988 or after are required to have completed, at a minimum, the following high school units:

| | |
|---|---|
| English | 4 units |
| Mathematics | 3 units |
| Laboratory Science | 2 units |
| Social Studies | 3 units |
| Foreign Language | 2 units |
| Other | 6 units |

Prospective students are encouraged to include among the four English units at least two units having strong grammar and composition components, at least one unit in English literature and at lest one unit in American literature. All students are strongly encouraged to take four units of mathematics including algebra I, algebra II, and geometry. Prospective majors in science, mathematics, and engineering are advised to include adequate preparation in trigonometry. The two laboratory science units should be taken preferably in different subjects chosen from biology, chemistry, and physics. Prospective science and mathematics majors should include a third unit of laboratory science. Ideally, the three social studies units should include international relations, one-half unit of government, and one-half unit of economics. In addition, it is highly desirable that prospective students include among their other courses one unit of physical education and one unit of computer science.

Students who do not meet the general admission requirements may be considered for admission through the Admissions and Petitions Committee process.

Students interested in the Bachelor of Interdisciplinary Studies or programs in nursing, education, or criminal justice should consult the special admissions requirements listed in

those sections of the catalog. Admission to USCS does not guarantee or imply admission to any of these programs.

All new freshmen students with fewer than 46 earned hours must take a battery of Advisement Tests in English, Reading, and Mathematics. These examinations provide academic advisors with information that enables them better to counsel students. Students who place high on the English Placement Examination may enroll in English 101 or may receive three hours credit for English 101 after making a minimum of "C" in the honors section of English 102. Failure to take the Advisement Tests bars a student from registration.

## TRANSFER ADMISSION REQUIREMENTS

Transfer applicants who have attempted less than 30 hours of college work must meet both freshman and transfer admission requirements. The following regulations apply to transfer applicants with more than 30 hours of college work:

1. They must meet academic eligibility to return to the college they last attended. (Students suspended from another institution for disciplinary reasons must be approved by the Committee on Admissions and Petitions before being admitted to the university.)
2. They must have a grade point ratio of at least 1.0 plus 1 percent of hours attempted up to 100 hours attempted. Transfer applicants with 100 or more hours must have a minimum of a 2.0 grade point ratio.
3. They must submit an official transcript directly to USCS from each previous college, university, or technical institution attended.
4. They must submit a completed application form and the $15 application fee.
5. They must submit a completed immunization certification form for measles (Rubeola) and German measles (Rubella) if they were born after January 1, 1957.

Transfer students interested in the Bachelor of Interdisciplinary Studies or programs in nursing, education, business administration, or criminal justice should consult special admissions requirements listed in those sections of the catalog. Admission to USCS does not guarantee or imply admission to any of these programs.

All transfer students with fewer than 46 earned hours must take a battery of Advisement Tests in English, Reading, and Mathematics. These examinations provide academic advisors with information that enables them better to counsel students. Students who place high on the English Placement Examination may enroll in English 101 or may receive three hours credit for English 101 after making a "C" in the honors section of English

102. Failure to take the Advisement Tests bars a student from registration.

## Admission Categories for Freshmen and Transfer Students

**Regular Student.** This category includes entering freshmen who have a minimum S.A.T. score total of 700 (350 Mathematics and 350 Verbal). Also included in this category are transfer students with at least a 2.00 GPR from all previous post-secondary work. Freshmen and transfer students with less than 30 hours attempted who score below 350 mathematics or 350 verbal on the S.A.T., who have a projected GPR below 1.5, or who place in at least two developmental courses through advisement testing, are assigned to the Director of Developmental Studies for advisement, counseling, and developmental instruction. This assignment lasts for the first 30 hours completed at USCS or until released by the Director of Developmental Studies. They then declare their major and transfer to the appropriate school (education, business, nursing, or humanities and sciences). This policy is retroactive for students who entered USCS in fall 1981 and spring 1982.

**Non-Degree Student.** This category is for students taking courses but who do not wish to pursue a degree program. Persons currently enrolled in any post-secondary institution may not be admitted as non-degree students. Students on suspension from any campus of USC or any other post-secondary institution may not be admitted under this program. First time applicants must submit a special student application, the $15 application fee, and the required academic credentials. Applicants must submit a new application for each subsequent semester. Under no conditions is this application status be used to circumvent stated university admission standards. The Director of Admissions reserves the right to refuse use of this category to any applicant who is obviously seeking admission as a degree candidate.

Students may not select a major while in a non-degree status. A maximum of 30-semester hours taken as a non-degree student may be applied toward a degree. Students admitted as non-degree candidates may enroll in any course for which they are qualified. (Qualifications are stated in this catalog. Questions should be referred to the dean of the school in which the course is taught.) Enrollment in courses is on a space-available basis, and applicants are not allowed to pre-register for future semesters. Credits earned while in this category may not be considered toward a degree program at the university until students have applied for and been fully accepted for enrollment into a degree program. Non-degree students are subject to all USCS academic rules and regulations.

**Probationary Student.** This category is reserved for use by the Admissions and Petitions Committee. Students placed on probation by this committee must make a 2.0 GPR on their first 12 or more hours at USCS. Readmit students who left the university

while on probation or suspension are admitted on probation. These readmit students must also obtain a 2.0 GPR on the first twelve or more hours under this status. It should be noted, however, that students on probation or suspension at the time of leaving the university may have completed part or all of the twelve hours and may be in the position of having to make a GPR of greater than 2.0.

The university reserves the right to change the admission classification of students as the result of satisfactory performance on the part of the students or error on the part of the Admissions Office.

## Transient Admission Requirements

Transient students (students regularly enrolled at other colleges or universities) must submit application forms, the $15 application fee, and proof of good standing from the current institution. Students coming from other institutions are encouraged to request permission from their institution to take specific courses at USCS, as not all courses transfer from one school to another.

## Special Student Admission Requirements

Applicants who, at the time of registration, are not interested in working toward a bachelor's degree must submit an application for special student status and fulfill normal admission requirements (high school or college transcripts are not required). Students in this category may attend for one semester only. To proceed further, students must meet the qualifications for regular admission or be approved for each additional semester by the Director of Admissions.

Special students enrolling in freshman-level English or mathematics courses must take the appropriate advisement tests.

## Readmission of Former Students

Students who are out of the university for one or more semesters must submit an application for readmission to the Admission Office. Absence for the summer term does not necessitate a new application for the fall.

Students who leave the university in good standing and attend another college without prior arrangement from USCS must fulfill regular transfer student admission requirements in order to be readmitted.

Students who left the university on suspension and have been out one semester or longer must, if still on suspension, submit both an application for readmission and an application for

reinstatement. If the period of suspension has been served in its entirety, students must submit only a readmission application. Students who are suspended but who have not begun serving suspension must submit an application for reinstatement, but do not need to apply for readmission.

Students attending another college while on academic suspension from the university must maintain a grade point ratio of 2.0 or better while at that institution in order to retain the privilege of being readmitted at the conclusion of the suspension. Students suspended from the university for any reason may not earn academic credit during the period of suspension by attending college elsewhere.

## Admission of Students as Auditors

Persons wishing to attend university classes without earning credit may be admitted upon approval of the instructor and the Director of Admissions. They are not required to take entrance examinations.

Retired teachers and persons over age 65 are extended the courtesy of audit and course credit free of charge. These students are charged the $15 application fee where necessary. Applicants should read carefully the regulations pertaining to course auditing found in the "Academic Regulations" section of this catalog.

Applicants should read carefully the regulations pertaining to course auditing.

## Admission of Students with Baccalaureate Degrees

Students who hold a bachelor's degree from any college or university but who, for any reason, do not seek admission to degree candidacy in any program in the Graduate School of University of South Carolina at Columbia, are designated "unclassified students." An applicant may be admitted as an unclassified student upon proof of graduation with a baccalaureate degree. Such a student is required to maintain standards of academic progress equal to those required of regular undergraduate students for continuing in the university beyond the first semester. Students in this category may earn only undergraduate credit.

Students holding a bachelor's degree and who seek a second undergraduate degree from the university must meet transfer student admission requirements.

## Admission of Non-Immigrant Students

In addition to meeting other admission requirements, all

foreign applicants must submit evidence of proficiency in English adequate for doing college work. Evidence may be demonstrated by a score of 500 on the Test of English as a Foreign Language (TOEFL). Information is available from the Director of Admissions.

Non-immigrant students must have all credentials and support documents on file at least 60 days before the beginning of the semester for which they are applying. These forms include a declaration of finance.

## Admission of High School Students

Qualified high school students who have completed their junior year and have a total score of 900 or better on the S.A.T. may enroll for courses on the recommendation of their high school principal or counselor.

## Summer Admissions

Both summer sessions at USCS are classified as open enrollment periods. Students not on suspension from another institution may attend during the summer even though they would not otherwise be qualified to do so. Students who have been previously turned down for admission or who anticipate problems in being admitted are encouraged to attend summer school and take advantage of this opportunity to improve their records. Attendance in summer school does not guarantee admission to the fall or spring semesters. It may, however, provide additional evidence of admissibility.

## Military Service School Credit

After enrolling, a student may obtain credit for experiences in the Armed Services. A Military Service School Credit Application may be obtained from the Admissions Office. In order to receive credit the student must have a DD 214 and/or DD 295 and Certificates of Completion.

Following a review by the Admissions Office using **A Guide to the Evaluation of Educational Experiences in the Armed Services** a recommendation for credit is made to the Dean of the student's major area. The final decision as to the credit awarded is made by the Dean of the School granting the credit. Credit awarded is placed on the students transcript.

# ACADEMIC REGULATIONS

As the chief governing body of the university system, the Board of Trustees delegates powers to the Chancellor, the President, and the faculty in accord with its policies. Subject to the review of the Chancellor, the President, and the Board of Trustees, the faculty retains legislative powers in all matters pertaining to the standards of admission, registration, instruction, research, and extracurricular activities; the requirements for the granting of degrees earned in course; the curricula; the discipline of students; the educational policies and standards of the university; and all other matters affecting the conduct of academic affairs.

The university reserves the right to make changes in curricula, degree requirements, course offerings, and all academic regulations, at any time when, in the judgment of the faculty, the Chancellor, the President, or the Board of Trustees such changes are for the best interest of the students of the university.

Registration at the university assumes students' acceptance of all published academic regulations, including those which appear in this catalog and all others found in any official announcement.

Unforeseen circumstances may interfere with the scheduling of any particular course or degree offering. Students are expected to take such developments into account as they arise, even if doing so means a delay in some of their academic goals or a modification of those goals. The school concerned works closely with students facing such problems in an effort to resolve them with a minimum of difficulty.

Students may expect to obtain a degree in accord with the requirements set forth in the regulations in force when they enter the university, or under subsequent regulations published while they are students. However, students are restricted in choice to the requirements of one specific catalog. Undergraduate students who enter the university under the regulation of a catalog have a period of eight years, inclusive and continuous, in which to claim the rights of that catalog.

Full-time undergraduate students who are absent from the university for five years or less and who return to complete their program of study have the right to continue under the catalog in effect at the time of original matriculation. Alternatively, students may elect to finish their program under the catalog in effect at the time of their return. If the period of absence is longer than five years, students are subject to the rules and regulations in force at the time of their return.

Under no circumstances are students allowed to appeal to short-lived rules and regulations which were adopted and abandoned while they were not enrolled.

If there have been drastic revisions of curricula or programs during the absence (even if for less than five years), there may be no choice but to adopt the new program or a transitional program approved by the dean. USCS is not responsible for providing programs or courses which were deleted during the period of absence.

Exceptions to the policies stated in this catalog made verbally to any students by an official of the university are null and void unless documented with a signed statement from the university official.

## Right of Petition

Students who consider that they are entitled to relief or deviation from the academic regulations of the university may submit their case to the Vice Chancellor for Academic Affairs for consideration by the Executive Academic Affairs Committee.

## Course of Studies

Students are expected to follow the program outlined by their school as closely as possible, particularly in the first two years when they are satisfying basic degree requirements and prerequisites for advanced work.

Students must pursue required courses in the prescribed sequence. Failure to do so may lead to future schedule difficulties and students may find that the subject for which they wish to enroll is either not available or is closed to students with advanced standing. Students who fail to complete successfully all of their freshman requirements may not enroll in courses in their major field beyond the sophomore level. In the event that students are ineligible to continue courses in their major field, they may take electives until the deficiency is removed.

## Change of Name or Address

Students are obligated to notify the Office of Student Records of any change in name or address. Failure to do so can cause serious delay in the handling of student records and in notification of emergencies at home. Change of name may only be accomplished by presenting proper legal documentation.

### Indebtedness

Students are expected to discharge any indebtedness to the university as quickly as possible. No degree is conferred on, nor any diploma, certificate, or record transcript issued to, students who have not made satisfactory settlement with the treasurer for all indebtedness to the university. Students may be prohibited from attending class, taking final examinations, or registering for future terms after the due date of any unpaid obligation. Students who have a repayment obligation for Title IV funds (Pell Grant, N.D.S.L., S.E.O.G., or G.S.L.) are not permitted to enroll.

## TRANSFER CREDIT

Students who have earned at least 30-semester hours credit at another college or university have their transcripts evaluated by the dean of the school in which they matriculate. Students with less than 30 earned semester hours are evaluated by the Freshmen-Sophomore Center.

Students transferring from a four-year institution not accredited by the appropriate regional accrediting association may validate hours earned at the unaccredited institution by successful completion of 15 hours at USCS with a minimum 2.0 GPR. Credits earned at two-year non-accredited institutions may be validated by examination.

Students who were enrolled at USCS and transferred to another institution and who now wish to transfer back to USCS may be able to transfer all coursework if they were in residence at the other institution for a full academic year. Otherwise, credit for academic work equivalent to courses previously taken at USCS cannot be transferred to USCS. Similarly, students cannot receive transfer credit for an equivalent course taken previously at another institution.

Credit for summer school, correspondence, and extension work completed at other institutions by regular USCS students is not accepted for transfer if students have been previously enrolled in an equivalent course in the university. Credit for other courses is accepted only under the conditions that (1) each course is approved in advance by the dean concerned or the Vice Chancellor for Academic Affairs and this approval is filed in writing with the Office of Student Records and (2) each course is passed with a grade adequate for transfer purposes.

Credits earned while students are on academic suspension from the university cannot be applied toward a degree or used in improving their grade point ratios.

A maximum of 76 semester hours may be transferred for degree credit from a junior college or two-year institution which is accredited by a regional association such as The Southern Association of Colleges and Schools.

A maximum of 30-semester hours earned in correspondence courses, service schools, educational programs of non-collegiate organizations, off-campus extension classes, or with classification as a special student are accepted as partial fulfillment of the requirements for baccalaureate degrees. Students planning to pursue work at other institutions or correspondence or off-campus extension classes must complete this work before attaining senior classification (90-semester hours). The last 30 hours (representing the senior year's work) must be earned in residence at USCS.

USCS uses all grades (with the exception of pass or fail grades) listed on transcripts of other institutions in the calculation of the transfer GPR. Therefore, the GPR as calculated by USCS may be different than the one appearing on the transcript of another institution. Admission to the university or a particular program (business, education, nursing, humanities and sciences) is determined by the transfer GPR as calculated by USCS.

As a general rule, some courses are not acceptable for transfer credit to USCS or to any campus of the University of South Carolina system. These include occupational or technical courses, remedial courses, courses from a two-year institution that are considered upper-level at the university, or courses from a two-year institution that are not a part of that institution's college parallel program. Exceptions to this rule may be made only by the Vice Chancellor for Academic Affairs or the dean of the school in which the student is majoring. Exceptions are made only in specific cases where the courses being considered for transfer credit are judged to be uniquely relevant to the student's degree program. Examples of possible exceptions include typing courses for journalism majors or drafting courses for engineering majors.

In certain instances, credit for transfer courses may be obtained by a validation examination. This examination is given upon approval of the dean of the school in which the subject is taught. Grades earned in courses completed in programs leading to an associate degree which are validated by examination are not counted in computing the GPR for baccalaureate degree programs.

## CLASSIFICATION OF STUDENTS

Classification of students is based on the total number of semester hours earned. Students must have earned 30 semester hours to be classified as a sophomore, 60 for classification as a junior, and 90 for classification as a senior. Students are classified at the beginning of each semester.

To be officially enrolled in the university students must be academically eligible, have registration material approved by both the dean of the school in which they are matriculating and by the Director of Records and Registration. In addition, students must have a receipt issued by the Treasurer for payment of current academic fees. Enrollment by proxy is not allowed unless permission has been obtained in advance from the Office of Student Records.

Students are expected to complete registration (including the payment of all required fees and having an ID card made or validated) on the dates prescribed in the university calendar. An extra fee is charged those students registering during the late registration period.

## Auditing

Auditing a course means attending classes and listening without actively participating in the class. An auditor is not responsible for any assignments or examinations. No course of a skill-acquiring nature (such as swimming, computer programming, etc.) may be taken on an audit basis. No credit may be earned in an audited course by examination or otherwise. No audited course may be repeated for credit at a later date.

The request for the privilege of auditing a course is made to the instructional division or school concerned. The request is made for a specific semester. The applicant must complete the prescribed procedure for enrollment through the Office of Admissions before class attendance is permitted. Students must be admitted to the university to be eligible for auditing any course.

Students taking a class for credit are given preference over auditors where class size limits are in effect.

Students who have registered for a course on an audit basis and who wish to change their registration to take the course for credit (or who wish to change from credit to audit), must do so no later than the last day for adding courses as indicated in the university calendar. The change must be requested on a change of schedule form properly signed by the course instructor and the dean of the school and then submitted to the Office of Student Records.

## Course Load

To graduate within a "normal" period of time, students should take approximately 15-18 semester hours per semester in academic studies. Students should talk to their advisor to determine the

correct number of hours per semester for their major. All students enrolling for more than 17 hours must receive permission from the Vice-Chancellor for Academic Affairs. No students are given permission for an overload unless they have an overall GPR of 3.0 or have made a 3.0 the previous semester. The maximum load any student may carry is 21 hours. Forms for overloads are available in the Office of Student Records.

## Correspondence or Other Courses

Undergraduates may receive credit for correspondence courses taken concurrently with their regular academic work. Students must request permission to enroll in such courses on a form available at the Office of Student Records. Enrollment must be approved in advance by the dean of the school in which the student is enrolled.

## Repetition of Course Work

Students may repeat a course they have passed in order to raise their grade only in the event that the school in which they are seeking a degree requires a higher grade in the course. Students who repeat a course have both course registrations on their permanent record. Both grades are used in the calculation of the GPR.

## Undergraduate Enrollment in Graduate Courses

Qualified undergraduate students may enroll for undergraduate or graduate credit in courses number 500 through 699. Except in special cases, undergraduates may not enroll for credit courses numbered 700 through 899.

Work taken by undergraduates may be applied toward a graduate degree if the students are adequately prepared for graduate work in the field concerned and have the approval of the dean of the school and the dean of the graduate school. The privilege may be exercised only during the senior year. Questions should be directed to the Office of the Vice Chancellor for Academic Affairs.

## Summer Session

The summer session normally consists of two terms. Students regularly enrolled in the university may take work applicable to the degree they are seeking during the summer session.

A listing of courses offered in the summer session is available after April 1 at the Office of Student Records.

The maximum course load permitted in the summer session is 6 semester hours per term. A single extra hour may be carried if one of the courses involved is a 4-hour course.

The university reserves the right to cancel any course in the case of inadequate enrollment. Registration in any course may be closed when the maximum enrollment for efficient work is reached.

## CHANGES OF REGISTRATION

### Changes of Enrollment

A change in enrollment involves adding or withdrawing from a course, changing from one course section to another, changing the number of credits in any course, changing course registration from audit to credit or from credit to audit, or electing or revoking a pass or fail option. Any change in enrollment must be recorded with the Office of Student Records on a change of schedule form with all required signatures.

Any change involving adding a course or changing enrollment from audit to credit or from credit to audit must be completed by the last day to change course schedule as published in the university calendar. Students may elect or revoke the pass or fail option no later than the last day for withdrawal from a course without penalty. Students are urged to consult with the dean of the school in which they are enrolled concerning any change of schedule.

With the permission of both instructors, students may make the following schedule changes through the last day to withdraw from a course without penalty (assuming the availability of the course to which the student desires to move):

| | | | |
|---|---|---|---|
| Math | 100<->119 | French, Spanish, & German | 101<->102 |
| | 100<->121 | | 102<->201 |
| | 119<->121 | | 102<->305 |
| | 121<->141 | | |
| | 121<->501 | Biology | 101<->110 |
| | 125<->141 | | |
| | 141<->119 | Chemistry | 105 or 111<->101 |
| English | 100<->101 | | |
| | 102<->102H | | |

### Course Substitutions

Only under unavoidable and exceptional circumstances does the faculty permit a substitution or an exemption from the prescribed curricula. When it becomes necessary to request a deviation from

the prescribed course of study, students should consult with the dean of the school in which they are majoring before preparing a petition listing the substitutions or exemptions sought and the reasons for such a request. Petitions are submitted on forms obtainable from the Office of Student Records and must be returned to the dean of the school in which the student is enrolled.

Any deviation from degree requirements as published in the catalog must have the approval of the Vice Chancellor for Academic Affairs. The Executive Academic Affairs Committee functions only in the role of an appeal board in cases where a decision satisfactory to the Vice Chancellor and the student cannot be reached.

Students transferring from another college or university desiring to substitute courses taken elsewhere for courses prescribed at USCS must submit such petitions to the dean of the school in which they expect to enroll prior to enrollment for their first semester at the university. Petitions for all other substitutions must be approved prior to the last date for enrollment of the semester in which the substitute course is to be taken.

### Changes in Curriculum

Students desiring to change their program of study by transferring from one school of the university to another are required to (1) obtain a change in curriculum form from the Office of Student Records, (2) have this form signed by the dean of the school in which they are currently enrolled, and (3) present the form for the approval of the dean of the school in which they plan to enroll and give the dean a copy of the academic record obtained from the Office of Student Records. To be valid, a change of curriculum must follow these procedures and must also be completed in advance of registration.

### Adding a Course

Students may add a course during the drop and add period by obtaining a change of schedule form available from the Student Records Office or appropriate dean's office. Students then should discuss the matter with their advisor and obtain the appropriate signatures.

### Dropping a Course

**During Late Registration.** Students may drop a course up until the last day of late registration by completing a change of

schedule form available from the Student Records Office. Courses dropped during this late registration period are not recorded on a student's permanent record and are not entered into the computation of hours attempted, grade point ratio, or any other totals.

**After Late Registration and Through the Free Drop Date.** Courses may be dropped following late registration up until the last day to drop a course without academic penalty (the free drop date) by completing the course "Withdrawal Form" available from the Office of Student Records. Courses dropped during this period are recorded as a "W" on students' transcripts but are not entered into the computation of hours attempted, grade point ratio, or any other totals. Students are allowed to drop a course without academic penalty to the midpoint in the semester. In summer sessions and other shortened semesters, the time allowed to drop a course without academic penalty is equal to one-third the total number of class days from the beginning of the semester. Students should check the university's academic calendar for the prescribed date in each semester.

To drop a course on or before the free drop date, students are required to (1) obtain the appropriate form from the Office of Student Records, (2) discuss the matter with their advisor and have them sign the form, (3) have the course instructor and the school dean sign the form, and (4) return the form to the Office of Student Records before the drop date.

**After the Free Drop Date.** A grade of "WF" (withdraw failing) normally is recorded for any course dropped after the free drop date. A "WF" is treated the same as an "F" in the calculation of students' grade point averages and in the evaluation of suspension conditions. In certain exceptional cases, a grade of "WF" may be changed to a "W" to indicate satisfactory performance in courses from which students withdraw after the free drop date. This grade is used primarily in cases of withdrawal from USCS or in cases of dropping a course for medical reasons. To request a change of "WF" to "W" the student must contact the Office of the Dean of Students. That office explains the necessary procedures and supplies an "Assignment of 'W' Grade for Medical Reasons or Other Extenuating Circumstances After Penalty Date" form to the student. Students then take this form and any documentation concerning the extenuating circumstances to the instructor of the course or courses in which they wish a grade change and to the dean of the school. (For students who have not declared a major, the Dean of Students serves as dean.) If the instructor and dean agree to the grade change and sign the form, students return the form to the Office of Student Records.

**Extenuating Circumstances.** If students stop attending a class and fail to carry out the procedures for dropping a course outlined above before the end of the semester, the instructor posts a final grade calculated on both completed and missed work. This typically results in a grade of "F." If the absences are due to medical or other extenuating circumstances so serious that the

students were neither able to attend classes nor contact the Dean of Students' Office in order to withdraw from the courses, students may request to change each final grade to a "W" to indicate satisfactory performance in the course before they were forced to stop attending classes. Normally, an appeal to change a final grade is considered only if initiated within one year after the final grade is assigned.

The first step of the appeals process is the same as for requesting a change of grade after the free drop date and before the last day of the semester, outlined above. The Office of the Dean of Students explains the necessary procedures and supplies students with a "Post-semester Withdrawal Form." Students take this form along with any documentation concerning the medical emergency or other extenuating circumstances to their instructors and to their dean. (For students who have not declared a major, the Dean of Students justifies a change of grade to a "W.") If they sign the form, students return it to the Dean of Students who notifies the Office of Student Records of a grade change. If the instructor of the course is no longer on campus, the Dean of Students assists students in contacting the instructor and obtaining the instructor's judgment, in writing, on the change of grade request.

If an instructor decides the circumstances do not warrant a grade change, students are responsible for informing the Dean of Students of this decision. If students choose to appeal the decision of the instructor, the Dean of Students convenes and chairs an appeals committee consisting of five members. The regular voting members of the appeals committee are the chairs of each of the four schools' appeals committees. The Dean of Students votes only in case of a tie vote. If the appeals committee believes a student's appeal for a change of grade has merit, the committee forwards its recommendation and any documentation it has reviewed to the instructor for consideration. The instructor then may either agree or reject the appeals committee's recommendation and reports this decision to the Dean of Students. If either the committee or the instructor denies the request to change the grade the second time, the student may petition the Vice Chancellor for Academic Affairs.

## WITHDRAWAL

Students wishing to withdraw officially from the university should request a withdrawal application form from the Office of the Dean of Students. Students are responsible for completing an exit interview at the Office of the Dean of Students, obtaining the required signatures on the withdrawal form, and returning the form to the Office of Student Records for final action. Students who stop attending the university without following the withdrawal procedure may prejudice any future attempt to re-enter

the university. (See School of Nursing regulations for the specific withdrawal policy for that school.)

Students withdrawing from the university prior to the last day to drop a course according to the official university calendar have the date of their withdrawal posted on their transcript. Courses from which students withdraw before the free drop date are not recorded on the transcript or used to figure a grade point ratio. Students withdrawing after the last day to drop a course without penalty normally receive a grade of "WF" for each course in which they were enrolled.

Students withdrawing after the last day to drop a course without penalty may petition to receive a grade of "W" rather than "WF" by contacting the Dean of Students Office and carrying out the procedures for requesting a change from "WF" to "W" outlined under the section "Dropping a Course," above.

## CLASS ATTENDANCE

The resources of the university are provided for the intellectual growth and development of the students who attend. A schedule of courses is provided for the students and faculty to facilitate an orderly arrangement of the program of instruction. The fact that classes are scheduled is evidence that attendance is important and students should, therefore, maintain regular attendance if they are to attain maximum success in the pursuit of their studies.

All instructors will, at the beginning of each semester, make a clear written statement to all their classes regarding their policies concerning attendance. Instructors are also responsible for counseling with their students regarding the academic consequences of absences from their classes or laboratories. Students are obligated to adhere to the requirements of each course and of each instructor. All matters related to the student's absence, including the possible making-up of work missed, are to be arranged between the student and the instructor. Students should also understand that they are responsible for all course content covered during their absences and that they are responsible for the academic consequences of their absences.

## EXAMINATIONS

Regular final examinations are held at the close of each semester. Examination schedules are published in the official class schedule. The results of these examinations, other assigned work, and grades for class performance determine the grade reports given at the end of the semester. Except for

laboratories, no final examination may be held outside of the stated time without the special permission of the Vice Chancellor for Academic Affairs. Deviations from this policy should be reported to the Vice Chancellor for Academic Affairs.

In any course meeting two or three times a week, no quiz, test, or examination is given during the last two class sessions prior to the regular examination period. In any course meeting once a week, no quiz, test, or examination is given during the last class session prior to the regular examination period. In any course meeting more than three times a week, no quiz, test, or examination is given during the last three class sessions prior to the regular examination period. Laboratory final exams, however, may be given during the last week of classes.

With the consent of the instructor, students may be transferred from one examination section to another of the same course.

Students who are absent from any examination are given the grade "F" for the course if they have not offered an excuse acceptable to the instructor. Students absent from examinations may, at the discretion of the instructor, have the privilege of deferred or special examinations. They may take the deferred examination at the discretion of the instructor with credit awarded in the semester the course is taken.

Re-examination or the assignment of additional work for the purpose of removing an "F" or for raising a grade is not permitted.

## Deferred Examinations

Students with excused absences from examinations have the privilege of deferred or special examinations. They may take the deferred examination at the next regular period with credit awarded in the semester the course is taken, provided the examination is taken at the convenience of the instructor. The examination must be taken within one calendar year from the time of the absence. Deferred examinations are granted only in case of absence that is unavoidable as a result of sickness or other cause.

## Course Credit

The credit value of each course is usually determined by the number of class meetings per week for one semester. Two or three laboratory hours (one period) are equivalent to one class meeting. The semester hour credit for each course is included in each course description.

Students who are suspended from the university for any reason may not earn academic credit during the period of suspension by residence elsewhere. Students who are suspended may not have

correspondence course credit entered upon their records until one calendar year from the date of their return to the university.

## CREDIT BY EXAMINATION

Students with a strong background in a variety of basic courses may be able to exempt courses and receive credit hours for courses based on their scores on the College Entrance Examination Board Advanced Placement (AP) or College Level Examination Program (CLEP) examinations, the American College Testing Program Proficiency (ACT PEP) examinations, or by successfully passing a course challenge examination prepared at USCS. A maximum of 30 hours of AP, CLEP, or challenge examination credit and up to 24 hours ACT PEP credit may be applied to a degree program at USCS.

AP, CLEP, and ACT PEP and credit by examination credits appear as an "S" (pass-fail credit) on students' transcripts, and do not enter into calculation of students' grade-point averages.

USCS accepts many, but not all, AP, CLEP, and ACT PEP subjects offered by the College Entrance Examination Board and the American College Testing Program. Transfer students with AP, CLEP, or ACT PEP credits in subjects not listed below must submit those credits to the dean of the appropriate school for review.

Normally, a maximum of 30-semester hours earned in any combination of AP, CLEP, ACT PEP, Credit by Examination, correspondence courses, military and other service schools, educational programs or non-collegiate organizations, or hours in courses taken while classified as a special student are accepted as partial fulfillment of the requirements for the baccalaureate degree. Exceptions to this 30-hour rule may be made at the discretion of the dean of the appropriate school. Students entering with 30 hours of Advanced Placement credits receive sophomore standing. Students planning to pursue work at other institutions or planning to take correspondence courses must complete this work before attaining senior classification (90-semester hours) since the last 30 credits (representing the senior year's work) must be earned in residence at USCS.

### Advanced Placement (AP)

All Advanced Placement courses and tests are administered by high schools and should be completed successfully before entering USCS. An entering student who has passed 30 hours of AP credit may be granted sophomore standing upon enrollment.

The Advanced Placement courses accepted by USCS are:

American History: Six credits to be selected from 201, 202, or 110 with a minimum score of 3.

Biology: Eight credits for Biology 101 and 102, including laboratory credit, with a minimum score of 3.

Chemistry: Four credits for Chemistry 111 with a score of 3; eight credits for Chemistry 111 and 112 with a score of 4 or 5.

English Composition and Literature: Three credits for English 102 with a minimum score of 3.

English Language and Composition: Three credits for English 101 with a mimimum score of 3.

European History: Six credits selected from History 101, 102, or 111 with a minimum score of 3.

French, German, Spanish, and Latin: Eight credits for 101 and 102 level courses with a score of 3. Eleven credits for 101, 102, and 201 level courses with a score of 4 or 5. Students desiring AP Foreign Language credit at USCS should take only the language portion of the AP examinations. No credit is given for the literature portion of the examinations.

Mathematics-Calculus AB: Six hours credit for Mathematics 121 and 122, four hours credit for Mathematics 125, or four hours credit for Mathematics 141 with a score of 3 or better.

Mathematics-Calculus BC: Four hours credit for Mathematics 141 with a score of 3, eight hours credit for Mathematics 141 and 142 with a score of 4 or 5.

Music History: Three hours credit for Music 110 with a score of 3 or better.

Physics B: Four hours credit for Physics 201 with a score of 3; eight hours credit for Physics 201 and 202 with a score of 4 or 5.

## College Level Examination Program (CLEP)

Credit hours for subjects in which students are knowledgeable, but have no class standing, can be gained through successful completion of the College Entrance examination Board CLEP tests.

Credit earned in CLEP may be applied to any program where the course normally would be accepted as earned credit. CLEP credit is not granted for courses which have been failed previously, nor does CLEP credit raise a grade earned previously in any course. Repeat examinations are not allowed. USCS does not give credit for the CLEP general examination.

Students wishing to take CLEP tests should contact the Counseling and Career Development Office for the necessary applications and notify their faculty advisor of their intention to take the test.

The CLEP examinations accepted by USCS are:

American Government: Three credits for Government and International Studies 201 with a satisfactory essay and minimum score of 50 on the objective section.

American History: For American History I three credits selected from History 201 and 110, for American History II three credits selected from History 202 and 110 with satisfactory completion of the essay sections and a minimum score of 50 on each objective section.

American Literature: Three credits for English 279 or 280 with satisfactory completion of the essay section and a minimum score of 46 on the objective section.

Analysis and Interpretation of Literature: Three credits for English 102 with a satisfactory essay and a minimum score of 49. Credit is given after completion of English 101 with a "C" or higher. If CLEP examinations for both Composition and Literature are successfully completed, six hours of credit for English 101 and 102 are earned upon passing any 300 or higher level English with a grade of "C" or better.

Biology: Eight credits for Biology 101 and 102, including laboratory credit with a minimum score of 50.

Business Law: Three credits for Business Administration 347 with a minimum score of 51.

Calculus with Elementary Functions: Four credits for Mathematics 141 with a minimum score of 47.

Chemistry: Four credits for Chemistry 111 with a minimum score of 50.

College Algebra: Three credits for Mathematics 119 with a minimum score of 50.

College Algebra and Trigonometry: Four credits for Mathematics 125 or 3 credits for Mathematics 121 with a minimum score of 50.

College Composition: Three credits for English 101 with a satisfactory essay and a minimum score of 48 on the objective section. Credit is given after completion of English 102 with a grade of "C" or better.

Human Growth and Development: Three credits for Psychology 302 with a minimum score of 47.

Introductory Accounting: Six credits for Business Administration 225 and 226 with a minimum score of 55.

Introductory Marketing: Three credits for Business Administration 350 with a minimum score of 48.

Introductory Sociology: Three credits for Sociology 101 with a minimum score of 50.

Macroeconomics: Three credits for Economics 121 with successful completion of the essay section and a minimum score of 48 on the objective section.

Microeconomics: Three credits for Economics 122 with successful completion of the essay section and a minimum score of 47 on the objective section.

Micro- Macroeconomics: Six credits for Economics 121 and 122 with successful completion of the essay section and a minimum score of 47 on the objective section.

Money and Banking: Three credits for Economics 301 with a minimum score of 50.

Psychology: Three credits for Psychology 101 with a minimum score of 50.

Statistics: Three credits for Economics 291 with a minimum score of 49.

Western Civilization: For Western Civilization I three credits to be selected from History 101 and 111, for Western Civilization II three credits selected from History 102 and 111 with satisfactory completion of the essay sections and a minimum score of 50 on each objective section.

American College Testing Program (ACT PEP)

Credit hours for subjects in which students are knowledgable but have no college credit can be gained through successful completion of the ACT PEP tests. USCS students may take up to 24 semester hours of ACT PEP. Business majors must score in the 70th percentile of the scored population taking the ACT PEP examinations. Baccalaureate nursing majors who are graduates of non-academic nursing programs (associate degree nursing nursing courses below the 100-level and diploma nursing courses) must complete successfully all three nursing examinations in order to receive credit for lower division nursing. One repeat examination is allowed.

Students wishing to take an ACT PEP test should contact the Counseling and Career Development Office for the necessary applications and notify their faculty advisor of their intention to take the test.

The ACT PEP examinations accepted by USCS are:

Accounting: Level I: Six credits for Business Administration 225 and 225.

Accounting: Level I: Nine credits for Business Administration 331, 332, and 333.

Accounting: Level II: Area III: Three credits for Business Administration 537.

Finance: Level I: Three credits for Business Administration 363.

Finance: Level II: Three credits for Business Administration 463.

Finance: Level III: Three credits for Business Administration 469.

Management of Human Resources: Level I: Three credits for Business Administration 371.

Management of Human Resources: Level II: Three credits for Business Administration 376.

Management of Human Resources: Level III: Three credits for Business Administration 473.

Marketing: Level I: Three credits for Business Administration 350.

Marketing: Level II: Three credits for Business Administration 352.

Marketing: Level III: Three credits for Business Administration 558.

Operations Management: Level I: Three hours for Business Administration 475.

Note: To receive ACT PEP credit, all three of the following tests must be taken. Passing scores on the three tests earn exemption credit for 24 hours of lower division nursing courses for baccalaureate nursing majors.

Adult Nursing: Eight credits with a score of 45.

Maternal and Child Nursing, Associate Level: Eight credits with a score of 45.

Psychiatric/Mental Health Nursing: Eight credits with a score of 45.

## Institutional Credit by Examination

Students regularly enrolled or formerly enrolled in the university may obtain credit by examination in courses in which they have had no class attendance or semester standing. However, permission must be obtained from the dean of the school involved. A grade of not less than "B" on the examination is necessary in order to receive credit for the course. Examinations are not permitted in courses in which students previously have enrolled either regularly or as an auditor. Before the examination, applicants must pay the Office of Student Records a fee of $15 per semester hour. This fee is not refundable. The Office of Student Records issues a receipt which must be shown to the dean of the school conducting the examination. The dean immediately reports the results of the examination to the Office of Student Records. Credits earned under this regulation are recorded only with hours earned.

## English Placement Examination

Entering Freshmen who meet the criteria of the English Placement Examination may receive credit for English 101 after making a minimum grade of "C" in the honors section of English 102.

# GRADING SYSTEM

## Grade Symbols

The grading system outlined below is in effect for all students at the university. Under this system, undergraduate course credit is granted only for earned grades of "A," "B+," "B," "C+," "C," "D+," "D," or "S." Any of the following symbols (except "NR,") become a permanent part of students' academic records when assigned.

"A," "B," "C," "D," and "F" carry the traditional academic connotations of excellent, good, average, poor, and failing performance, respectively.

"S" and "U" indicate, respectively, satisfactory (passing) and unsatisfactory (failing) performance in courses carried under pass-fail or non-credit options. The use of the pass-fail grading option in such courses is indicated in their catalog descriptions. No course carried under the pass-fail option affects GPR or the evaluation of suspension conditions.

"WF" is assigned for withdrawal from a course after the free drop date (the deadline prescribed in the university's academic calendar for withdrawal without penalty) and is treated as "F" in the evaluation of suspension conditions and GPR computation.

"WF" is assigned for withdrawals after late registration but on or before the free drop date. "W" may be assigned, in exceptional cases, to indicate satisfactory performance in courses from which students withdraw after the free drop date. The grade is used primarily in cases of withdrawal from the university or course withdrawal for medical reasons. See the catalog sections on "Dropping a Course" and "Withdrawal" for an explanation of the procedures necessary for the assignment of this grade. A grade of "W" is treated in the same manner as a passing grade in the evaluation of suspension conditions and GPR computation.

"I," incomplete, indicates satisfactory attendance and performance but failure to complete some portion of the assigned work in the course. By arrangement with the instructor, students may have up to twelve months during which to complete the work before a final grade is recorded. (It is the responsibility of the student to ensure all arrangements for removal of the incomplete have been made and that all work for rectifying the incomplete has been accomplished.) Students seeking an "I" must arrange a meeting with the instructor before the end of the term to

determine the requirements for the completion of the course. If, as indicated by the instructor, circumstances prohibit a meeting before the end of the term, such a meeting should be held within the first thirty days of the next regular (that is, fall or spring) semester. If students do not meet with the instructor by the end of this thirty day period, a final grade may be assigned at the discretion of the instructor. In no case is the ultimate deadline more than twelve months from the date that the "I" is given. All copies of the incomplete form are to be turned into the Records Office with the final grade sheets. The Records Office routes the copies to the appropriate offices and to the student. After one year a grade of "I" may be changed to another symbol only if it was recorded erroneously. The grade of "I" affects the computation of GPR as if it were a grade of "F" until a permanent grade is assigned.

"AUD" indicates a course was carried on an audit basis.

"NR," no record, is assigned by the Office of Student Records only in the event an instructor fails to submit a student's grade by the proper time. It is a temporary mark on the transcript and must be replaced by a grade. An "NR" is changed to a grade of "S" after one semester if no other grade can be obtained from the instructor by the appropriate dean.

## Pass-Fail Grading

The pass-fail grade option is designed to encourage students to investigate fields of study other than those required by their degree program. The pass-fail option is available to all undergraduate students whose semester or cumulative GPR is at least 2.0. Students are permitted to exercise the pass-fail option only on elective courses. No more than eight courses may be taken on a pass-fail basis. Pass-fail credits granted for successful performance on Advanced Placement, CLEP, or ACT PEP examinations are not subject to the eight course limitation, nor do they count against the maximum of University courses which a student may take on this basis. The option is offered on all courses at the undergraduate level and normal prerequisites may be waived for students taking a course on a pass-fail basis.

Students wishing to exercise the option must have the permission of the dean of the appropriate school and the consent of their advisor. The option must be elected or revoked no later than the last day for withdrawing from the course without a penalty.

Credit is given for courses taken on a pass-fail basis, but these courses do not effect the computation of the GPR. The only grades assigned on courses taken pass-fail are "S" for satisfactory performance an "U" for unsatisfactory performance.

## Grade Point Ratio

The grade point ratio is computed on the basis of all semester hours attempted for credit, except for semester hours carried under the pass-fail option. The GPR is not affected by courses taken on a non-credit or audit basis.

The grade points earned in courses carried with a passing grade are computed by multiplying the number of semester hour credits assigned to the course by a factor determined by the grade. For courses in which the grade of "A" is earned, the factor is 4; for "B+," 3.5; for "B," 3; for "C+," 2.5; for "C," 2; for "D+," 1.5 and for "D," 1. The grade point ratio is determined by dividing the sum total of all grade points by the total number of hours attempted for credit (excepting hours carried on a pass-fail basis). No grade points are assigned to the symbols "F," "S," "U," "WF," "W," "I," "AUD," or "NR."

## Grade Reports

At the end of each semester a report of grades is sent to students at their permanent address.

## Transcripts

A transcript of students' records carries the following information: admission data, current status, a detailed statement of the scholastic record showing courses pursued with semester hours carried, semester hours earned, grades, grade points, and system of grading. All failures, incomplete grades, and penalties such as probation, suspension, or other restrictions are also indicated. No partial record is issued.

All requests for transcripts must be written. Students needing a copy of their transcript or a certified copy of the end-of-semester grade report must complete a transcript request form at the Office of Student Records. Transcript costs are $3 for each copy. Certified copies of the end-of-semester grade report are available at $1 each.

Unofficial transcripts are available at the Office of Student Records. Students may obtain the first copy for free; all additional copies made at the same time cost $.50 per copy.

No transcript is issued to students who are indebted to the university.

With the exception of copies made for internal university use, no copy of a student's records is released anywhere (including the State Department of Education) without the student's written consent.

### Academic Grievances

Academic grievances include, but are not limited to, the following areas: grading, acceptance into a program (for example, nursing or education), academic policies, and transfer credit. Students having a grievance should start the grievance process with the appropriate academic dean. Each school has developed its own policy for academic grievances. If the problem is not solved at the school level, students may appeal to the Vice Chancellor for Academic Affairs.

## ACADEMIC STANDING

All students enrolled at USCS are subject to the same continuation standards. Administration of these regulations is the responsibility of the Vice Chancellor for Academic Affairs, who is not empowered to waive any of these provisions. Students may be granted relief from these regulations by the Committee on Admissions and Petitions only in extraordinary circumstances.

The following standards regarding scholastic eligibility are applicable to all undergraduate students.

### Continuation Standards

Student records are reviewed every semester. Students who have attempted 100 hours or more and whose GPR is less than 2.0 are placed on academic probation. Students who have attempted less than 100 hours and whose GPRs are less than the sum of 1.0 plus 1 percent of attempted hours are placed on academic probation. (For example, students with 45 attempted hours must have a GPR of at least 1.45). No students are subject to probation until they have attempted 12 hours.

Students who are on academic probation must obtain at least a 2.0 average on the first 12 or more hours attempted under this status. These hours may be taken over more than one semester. Students failing to meet this requirement are suspended. The duration of each suspension is two semesters. The semester count does not include summer school.

Students on suspension are not admitted or allowed to continue any program of the university for credit or for grade point ratio purposes. Credits earned at other institutions while students are on suspension from the university are not applied toward

degrees from USCS or used for improving the grade point ratio. Credits earned through correspondence courses initiated during the period of suspension are not entered on students' academic records until one calendar year from the date of their return to the university.

Students who are granted relief from the suspension provision by the Committee on Admissions and Petitions are placed on academic probation. The Committee may place stipulations on the probationary readmission.

Students returning from suspension begin a new probationary period. Failure to achieve 2.0 GPR on the first 12 or more hours attempted since returning from suspension results in another suspension.

## ACADEMIC HONORS

### Honor Lists

Each semester academic achievement is recognized by entering student's names on the Chancellor's Honor List or the Dean's Honor List. The Chancellor's Honor List requires a GPR of 4.0 earned on a minimum of 12 credited semester hours. The Dean's Honor List requires a grade point ratio of 3.5 or higher (3.25 or higher for freshmen) earned on a minimum of 12 credited semester hours.

No course carried on a pass-fail basis is counted toward the 12 hours required for either the Chancellor's or Dean's Honor Lists.

### Graduation with Honors

Graduation with honors is based on a GPR calculated on the basis of all work attempted, including any work attempted at other institutions (work submitted from other institutions must meet minimum honors requirements listed below). To graduate with honors students must have earned at least 60-semester hours of honors level work applicable toward the degree in residence at the university. The following designations are used:

| | |
|---|---|
| Summa cum Laude: | A cumulative GPR of 4.00 |
| Magna cum Laude: | A cumulative GPR of 3.75-3.99 |
| Cum Laude: | A cumulative GPR of 3.50-3.74 |

### Honorary Societies

Students whose records demonstrate superior academic achievement may be invited to join several honor societies

chartered on the USCS campus. These organizations exist not only to recognize outstanding students but also to promote academic achievement in all areas of the university.

A chapter of **Gamma Beta Phi** national honor society was chartered at USCS in 1978. Membership is open to students who rank in the top 15 percent of their class and who have completed fifteen or more semester hours in residence at USCS.

**Omicron Delta Kappa** is a leadership and scholarship honor society affiliated with Omicron Delta Kappa national fraternity. Membership is open to juniors and seniors who rank in the upper 20 percent of their class and who meet chapter criteria for leadership and service to the the campus.

A chapter of **Kappa Delta Pi**, a national education honorary fraternity, was established at USCS in the spring of 1978. It is open to juniors and seniors who have outstanding academic records and a strong commitment to the profession of education.

## GRADUATION

### Requirements and Procedures

Applicants for graduation are urged to confer with the appropriate dean about their major program and degree requirements prior to the beginning of their last semester of residence at USCS. Students who have applied for graduation but did not meet degree requirements must reapply. Each time students reapply for graduation they must pay the required graduation fee of $25.00

**Residence Requirements.** The senior year of work (30-semester hours) must be completed in residence at the university. "In residence" means that students are regularly enrolled in the university, are members of a class which is supervised by a regular faculty member of USCS, attend classes on a regular, pre-established schedule, and in other ways conform to the requirements which are normally connoted by the term "in residence." In residence requirements may not be met by courses for which credit is earned by exemption or examination, courses taken by correspondence, or courses for which transfer credit was awarded. Students who have not established credit for the prescribed number of hours in residence are not eligible for graduation.

**Degree Applications.** Candidates for degrees and certificates must file formal applications during the last academic term before graduation with the Office of Student Records on forms obtained at that office. Applications must be filed by the third week of the fall or spring semester in which the degree is to be awarded, or within the first ten days of the first summer session.

Students submit to their dean a list of courses meeting all regulations and requirements of their school and major department

which they claim for graduation and for which their GPR is at least 2.0. This list, after verification, forms the basis for the dean's approval or rejection of students' applications for graduation. (This list contains only the courses in which students have performed at or above the required level. The list need not contain all courses attempted or passed, but only those which students wish to submit in fulfillment of graduation requirements.) A minimum grade of "C" is required for any course submitted for fulfillment of general or intensive major requirements in most degree programs. Exceptions to this requirement are noted in the description of each academic program.

### Second Undergraduate Degree

At times the university confers a second undergraduate degree upon candidates who have completed all requirements for the desired degree. A second degree is awarded provided that the additional requirements for the second degree include a minimum of 18-semester hours beyond those required for the first degree. Within the School of Humanities and Sciences, courses accepted toward the requirements for the first degree may not be applied toward the major requirements for the second degree.

## CONFIDENTIALITY OF STUDENT RECORDS

In accord with the Family Education Rights and Privacy Act of 1974, students have the right to review, inspect, and challenge the accuracy of information kept in a cumulative file by the university unless they wave this right. This act also insures that records cannot be released, other than in emergency situations, without the written consent of students, except in these circumstances:

1. To other school officials, including faculty, within the educational institution or local educational agency who have legitimate educational interests.
2. To officials of other schools or school systems in which students intend to enroll, upon condition that the students are notified of the transfer, receive a copy of the record if desired, and have an opportunity for a hearing to challenge the content of the record.
3. To authorized representative of the Comptroller General of the United States, the Secretary of the United Stated Department of Education, an administrative head of an educational agency, or state educational authorities.

4. In connection with students' applications for, and receipt of, financial aid.

5. Where the information is classified as "directory information." The following categories of information are designated by the university as directory information: name, address, telephone listings, date and place of birth, major field of study, dates of attendance, degrees and awards received, and the most recent educational institution attended by the the student. Students who do not wish such information released without their consent should notify the Office of Student Records prior to the first day of classes.

Questions about this law and the university's policy on release of academic information may be directed to the Office of Student Records.

# FEES, EXPENSES, AND FINANCIAL AID

## General Information

The university reserves the right to alter any charges without notice. All charges are due and payable on the date that they are incurred, or the date indicated on the ticket, invoice, or statement. Checks for the exact amount of the total charges should be made payable to "University of South Carolina at Spartanburg."

Students failing to pay all required registration fees on or before the last date to change course schedule (as indicated in the university calendar) may be dropped from class rolls.

Students failing to relieve any other indebtedness to the university or to any of its auxiliary agencies on the date such obligations become due and payable may not be permitted to attend classes, stand final examinations, or be issued a transcript, diploma, degree, or any other official statement.

# ACADEMIC FEES

Academic fees at the University of South Carolina at Spartanburg are established by the University of South Carolina Board of Trustees and are subject to change. For current fee information, please contact the Admissions Office.

## Application Fees

Every new student is normally charged a nonrefundable application fee of $25. Exceptions to this charge may be made for certain special categories of admission. Applications must be accompanied by the application fee.

## Foreign Students

Foreign students must ordinarily pay "non-resident" fees for the duration of their enrollment, unless they qualify for "permanent alien" status. Their standing in this category and application for in-state fees must be cleared with the residency officer in the Office of Admissions.

## Examination Fees

Special examinations to establish undergraduate college credit without class attendance, or to validate credits from a non-accredited college, cost $15.00 per semester hour.

## Fall and Spring Semester Academic Fees

A. Full-time students (12-semester hours and above)

1. academic fees: South Carolina residents at $600.00 per semester plus a $2.00 per credit hour fee
2. academic fees: non-residents at $1,270.00 per semester plus a $2.00 per credit hour fee

B. Part-time students (fewer than 12-semester hours)

1. South Carolina residents at $50.00 per hour plus a $2.00 per credit hour fee
2. non-residents at $100.00 per hour plus a $2.00 per credit hour fee

C. Course auditing

Course auditing fees are the same as courses taken for credit.

## Summer Session Academic Fees

The following fees are payable in full at the beginning of each summer term and should not be sent in advance. Students bringing checks should bring separate checks for each summer session in the exact amount to cover registration.

A. Course Fee
1. South Carolina residents: $52.00 per semester hr.
2. non-residents: $102.00 per semester hr.

B. Course Auditing

Course auditing fees are the same as courses taken for credit.

## Insurance

Student health and accident insurance is available optionally to all full-time students paying full fees. It may regularly be purchased only at the beginning of the fall semester, except in

ADDENDUM TO USCS CATALOG: 1986-1987, PAGES 46-49

Note: Only those sections with corrections appear in this addendum. All other sections remain as printed in the original catalog.

CORRECTIONS: PAGE 46

Tuition

All fees are payable in full at the beginning of each term.

A. Full-time students (12-semester hours and above)

1. South Carolina residents at $700.00 per semester
2. Non-residents at $1,470.00 per semester

B. Part-time and summer school students

1. South Carolina residents at $60.00 per semester hour
2. Non-residents at $120.00 per semester hour

C. Course auditing

Course auditing fees are the same as courses taken for credit.

D. Senior Citizens

Legal residents of South Carolina who have attained the age of sixty (60) and meet admission and other standards deemed appropriate by the University may attend classes for credit or audit purposes on a space available basis.

CORRECTIONS: PAGE 47

Estimated Expenses for One Academic Year

Note: the following estimate represents a reasonable minimum for full-time enrollment; it does not include meals, travel, room and board and other incidental expenses.

South Carolina residents:

| | |
|---|---|
| Academic fees ($700.00 per semester) | $1400.00 |
| Books (estimate: $150.00 per semester) | $ 300.00 |
| Total | $1700.00 |

CORRECTIONS: PAGE 48

Non-residents:

| | |
|---|---|
| Academic fees ($1470.00 per semester) | $2940.00 |
| Books (estimate: $150 per semester) | $ 300.00 |
| Total | $3240.00 |

Fines

A. Bad checks or credit cards returned for any reason, plus late fee if used for payment of enrollment fees $15.00

the case of new and transfer students. Contact the Student Affairs Office for details on coverage and fees.

## Other Fees

A. Graduation fee (each application for degree includes cap, gown, and diploma).....$ 25.00

B. Replacement of diploma as originally issued.....$ 25.00

C. Transcript fee (each copy).....$ 3.00

D. Duplicate registration certificate fees

1. replacement identification card.....$ 5.00
2. replacement treasurer's fee receipt.....$ 5.00

E. Parking. Students planning to park a motor vehicle on campus must purchase and display a USCS parking sticker for each vehicle, and comply with regulations as set forth.

Motor Vehicle Registration Fees:

1. fall registration (valid for one year).....$15.00
2. spring registration (also valid for summer).....$10.00
3. summer registration only.....$ 5.00
4. replacement decal.....$ 4.00

F. Physical activities locker fee

1. per year.....$ 2.00
2. summer.....$ 1.00

## Estimated Expenses for One Academic Year

Note: the following estimate represents a reasonable minimum; it does not include meals, travel, room and board, etc.

South Carolina residents:

| | |
|---|---|
| academic fees ($600.00 per semester) plus a $2.00 per credit hour fee | $1248.00[1] |
| books (estimate: $150.00 per semester) | $ 300.00 |
| Total | $1548.00 |

[1] Based on 12 hours per semester

Out-of-state residents:

| | |
|---|---|
| academic fees ($1270.00 per semester) plus a $2.00 per credit hour fee | $2588.00[1] |
| books (estimate: $150 per semester) | $ 300.00 |
| Total | $2888.00 |

Fines

| | |
|---|---|
| A. Bad checks or credit cards returned for any reason, plus late fee | $10.00<br>$15.00 |
| B. Late registration or late payment of fees (per day) | $ 5.00 |
| C. Delay payment agreement (per day) to due date/after due date | $1.00/$5.00 |
| D. Damage: students are charged for damage to university property or equipment | |
| E. Parking | |
| 1. parking improperly | $ 3.00 |
| 2. parking decal or permit not displayed | $ 1.00 |
| 3. parking in "No Parking" area | $ 5.00 |
| 4. parking in "Loading" or "Service" zone | $ 5.00 |
| 5. blocking (for example, sidewalk or driveway) | $15.00 |
| 6. no parking permit for zone | $ 5.00 |
| 7. parking at fire plug, in lane | $ 5.00 |
| 8. parking on grass | $ 5.00 |
| 9. parking along yellow curbs | $ 5.00 |
| 10. parking in reserved spaces | $ 5.00 |
| 11. failure to register | $10.00 |
| 12. parking in "Handicap" space or blocking space or curb cut | $25.00 |

Refunds

Refunds are issued in the following circumstances: (1) to students who withdraw completely from the university, (2) to part-time students who drop a course or courses, and (3) to students who are reclassified as part-time students as a consequence of dropping a course or courses.

University academic fees are refunded according to the following schedule. Specific refund dates are assigned and will be available upon registration in both the Business and Records Offices.

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[1]Based on 12 hours per semester.

Fall and Spring Semester Academic Refund Schedule

| | Refund |
|---|---|
| 1. complete withdrawal or course drop before end of late registration | 100% |
| 2. complete withdrawal or course drop from end of late registration until two weeks after the beginning of the semester | 70% |
| 3. complete withdrawal between two and three weeks after the beginning of the semester | 40% |
| 4. complete withdrawal more than three weeks after the beginning of the semester | none |
| 5. course drop more than two weeks after the beginning of the semester | none |

Summer Term Academic Refund Schedule. Refund schedule may vary depending upon the length of the summer academic term(s).

| | |
|---|---|
| 1. complete withdrawal or course drop before the end of late registration | 100% |
| 2. complete withdrawal or course drop from the end of late registration until one week after the beginning of the term | 40% |
| 3. complete withdrawal or course drop between one and two weeks after the beginning of the term | 20% |
| 4. complete withdrawal or course drop more than two weeks from the start of the term | none |

## FINANCIAL AID

### Purpose and Eligibility

The purpose of financial aid is to provide assistance to students who would otherwise be unable to pursue their education. Students and parents are the primary resources for helping students meet educational expenses. Financial aid is used as a supplement to these resources. USCS seeks to identify and provide financial aid to its students through awards based on demonstrated financial need, academic promise, or both. Grants, loans, work programs, and scholarships are awarded insofar as funds are available from federal, institutional, and private sources.

To be eligible for financial aid students must be enrolled on at least a half-time basis and maintain satisfactory academic progress. In addition, eligibility for programs based upon need is determined by the needs analysis calculated from the Family Financial Statement.

If application for financial aid is being made at USCS, students transferring from other post-secondary institutions are required to submit a financial aid transcript to the USCS Financial Aid Office from each institution previously attended.

All students must be in good financial standing with the university in order to receive financial aid (see section on "Indebtedness").

## Satisfactory Progress for Financial Aid

Students receiving any financial aid at USCS are expected to maintain satisfactory progress toward completion of their programs of study. In the case of merit scholarships, students must meet the specific criteria of those scholarships, which usually include maintaining a minimum 3.0 grade point ratio. In the case of all federal student financial aid, institutional scholarships, grants and loans based upon need, athletic ability or other talents, students are considered to be making satisfactory progress if they are admitted and enrolled as degree or certificate students and meet the university's standards for continued enrollment as specified in the "Academic Standing" section of the catalog. Waiver of academic standing requirements by the Admissions and Petitions Committee to allow students' continued enrollment is not evidence of satisfactory progress for continued financial aid. In addition to these requirements, to be eligible for financial aid students must complete degree or certificate requirements within a reasonable length of time. This period of time is defined as 10 semesters for a four year degree or 5 semesters for a two year degree for students who are enrolled full-time (12 or more semester hours attempted). The total number of semesters for students enrolled part-time (less than 12-semester hours attempted) cannot exceed the equivalent of 10 semesters for a four year degree or the equivalent of 5 semesters for a two year degree or certificate. In addition, students must earn no fewer than the following specified hours each academic year (fall, spring, summer) or the cumulative equivalent:

Full-time:
- 1st year 18 hours
- 2nd and 3rd years 24 hours each
- 4th and 5th years 27 hours each

3/4 time (9 to 11 hours):
- 1st year 12 hours
- 2nd through 7th years 18 hours each

1/2 time (6 to 9 hours):
1st year 6 hours
2nd through 7th years 12 hours each
8th year 15 hours
9th year 12 hours
10th year 15 hours

**Readmission After Suspension.** Upon written application, students readmitted following academic suspension are eligible for financial aid if they are enrolled for a minimum of 6 hours. These students must earn a 2.0 GPR on the first 12-semester hours attempted following readmission to maintain further financial aid eligibility. Following completion of these 12 hours, subsequent financial aid eligibility depends upon meeting the university's standards for continued enrollment as outlined in the "Academic Standing" section of the catalog.

**Appeal.** Students terminated from financial aid have the opportunity to appeal such action to the Financial Aid Committee. Procedures for appeals are available upon request from the Office of Financial Aid.

**Other.** The complete statement of Satisfactory Academic Progress for Financial Aid may be obtained from the Financial Aid Office.

## Grants

**Pell Grants.** These are designed to be the foundation of financial aid assistance. Their purpose is to make sure that all eligible students have at least some of the money they need to continue their education after high school. The amount of Pell Grant awards depend on students' financial need, the cost of their education, and the actual amount of time they are enrolled during the school year.

**Supplemental Educational Opportunity Grants.** These are awarded to a very limited number of students with financial need. Grants are restricted due to the shortage of appropriated federal funds.

## Loans

**Buchheit Nursing Loans.** These loans are provided by the Carolina Piedmont Foundation for qualified nursing students who are residents of Spartanburg County and who show academic promise and financial need. Long-term loans of up to 85 percent of tuition are available each semester, with repayment in monthly installments to begin three months after graduation or withdrawal from the nursing program.

**Eilenberg Loan Fund.** This fund of the Carolina Piedmont Foundation is for juniors and seniors in the School of Business

Administration who have financial need and at least a 2.5 GPR. Repayment begins six months after graduation or withdrawal.

**Guaranteed Student Loans.** These loans allow students to borrow as much as $2,500 per year from a participating bank, state agency, or other financial institution. Students whose family adjusted gross income is $30,000 or less may borrow without undergoing a financial needs test. Students whose family adjusted gross income is greater than $30,000 must undergo a financial needs test. The federal government pays the interest on the loan while students are in school. Repayment and 8 percent interest begin six months after students graduate, leave school, or drop below half-time enrollment. Loan applications may be obtained from the Financial Aid Office.

**Holcomb Memorial Nursing Student Loan Fund.** This fund of the Carolina Piedmont Foundation is for students enrolled in the nursing program who show academic promise and financial need. Repayment begins three months after graduation or withdrawal from the nursing program.

**Murph Memorial Fund.** This fund is for sophomores in the Associate Degree in Technical Nursing program who borrow on a short or long-term basis. Repayment must begin three months after graduation or withdrawal.

**National Direct Student Loans.** These loans permit students to borrow money from the federal government through the school. This is a need-based loan. Repayment and interest begin six months after graduation, leaving school, or dropping below half-time enrollment. The interest is 5 percent per year and repayment may be extended over a period of ten years.

**Parent Loans for Undergraduate Students (PLUS).** These loans allow parents to borrow as much as $2,500 per year from the state agency without regard to income. A credit check is required. Repayment and 12 percent interest begin 60 days after disbursement. Loan applications may be obtained from the Financial Aid Office.

**Undergraduate Auxiliary Loans to Assist Students (ALAS).** These loans allow independent undergraduate students to borrow up to $2,500 per year regardless of income. Principal repayment may be deferred for full-time students, but 12 percent interest begins immediately. Loan applications may be obtained from the Financial Aid Office.

## Work Opportunities

Job opportunities are available on campus through the **College Work-Study Program** and the **Student Assistant Program.** These jobs can be a source of valuable work experience as well as financial aid. Under the Work-Study Program the university pays a part of the student's wages, and the government pays the remainder. The basic pay rate is the current minimum wage. Students working under this program are usually limited to no

more than 15 hours per week during periods of regular enrollment. Student Assistant jobs are funded by the university with the individual departments determining whether or not to hire. These jobs usually require highly specific skills. In addition, local business firms often list off-campus job opportunities with the Placement Office.

## Scholarships

USCS awards scholarships to students of academic ability or achievement, to those majoring or planning careers in certain fields, to those with financial need, and to those who meet one or more other requirements, including having special talent in athletics, drama, or music. Often a scholarship is given on the basis of several of these considerations. A few students hold more than one scholarship at a time and some receive a scholarship plus some other kind of financial aid. Scholarships are not given only to students with very high grade point ratios.

The amount of the award varies greatly, ranging from $100 to $1,500 per year, the latter sum being enough for tuition, fees, and books. Awards are usually made for one year; however, a few are renewable for up to four years as long as recipients meet the requirements.

Students and prospective students may obtain scholarship application forms from the Financial Aid Office after January 1 and must complete them by March 1, unless another place or date is noted below.

**Administrative Management Society Scholarship.** This scholarship pays full tuition and fees for one semester to a full-time senior majoring or taking significant work in business. Criteria are a minimum GPR 3.0, outstanding service to campus and community, academic aptitude, character, and leadership.

**Mary Black School of Nursing.** (1) $500 is awarded to a full-time sophomore student in the Associate Degree Program in Technical Nursing. Students must show financial need and service to the University and community. A cumulative 3.0 GPR in nursing courses and 2.5 in all other courses is required. (2) $500 is awarded to a student in the Bachelor of Science Degree in Nursing program with senior standing in the fall semester. Students must show financial need, and service to the University and community. An overall minimum cumulative 3.0 GPR is required along with a 3.0 GPR on all nursing courses.

**School of Business Scholarship.** This scholarship awards $450 to a business administration major with a minimum 3.0 GPR. This senior must be a candidate for graduation during the year of the award.

**Martie G. Chastain Memorial Scholarship.** This scholarship awards $200 to a full-time junior or senior business administration major with at least a 2.5 GPR. The student must be employed at least 15 hours per week.

**Computer Club Scholarship.** This scholarship awards $400 annually to a senior computer science or data processing major with at least 12 hours completed at USCS. To be eligible, students must have a minimum GPR 3.0 and be an active member of student computer club.

**Drama Scholarships.** These are available in varying amounts to outstanding members of the Shoestring Players.

**Dritz Corporation Business Scholarship.** This scholarship awards $500 to a senior business major with a minimum 3.0 GPR.

**Dritz Corporation General Scholarship.** The Dritz Corporation General Scholarship awards $500 annually to a "nontraditional" student, preferably one beginning or resuming college work after an extended period of absence from academic studies.

**School of Education Scholarship.** Full tuition for one semester is awarded annually to a student who has completed 75 semester hours and has been admitted to the Professional Program of the School of Education. Criteria include financial need, academic excellence, and altruistic goals.

**Faculty and Staff Dependents Scholarship.** This scholarship awards varying amounts to full-time undergraduate dependents of full-time slotted USC system employees. Criteria are a predicted 3.0 GPR for freshmen, and a 3.5 cumulative GPR for first-time upperclassmen. The application deadline is February 15.

**Gamma Beta Phi Scholarship.** This scholarship awards $500 to a full-time students 23 or older with a minimum 3.5 GPR on at least 12 hours at USCS.

**Earl Gordon Scholarship.** Varying amounts are awarded to sophomores and juniors. Awards are based upon a minimum 2.0 cumulative GPR, service or involvement in school or community, and financial need.

**Go-Rifles Gorilla Scholarship.** One-half of the spring semester's tuition is awarded to the gorilla mascot in recognition of that service to the university.

**James B. Greer Scholarship.** This scholarship awards $300-$400 per semester to a senior 23 years of age or older whose past education was interrupted by full-time employment, military service, or family responsibilities for a minimum of two years. Criteria include a minimum GPR 2.0 and contributions to USCS through service to student government, publications, or the Student Affairs Office, for example.

**Frances Johnston Hackett Scholarship.** Varying amounts are awarded to a student with a concentration in Criminal Justice who requires financial assistance.

**Doris Haneline Nursing Scholarship.** This scholarship awards $150 to a nursing student, married with children, pursuing a second career. Criteria include financial need and academic ability (3.0 GPR for continuing student). Preference is given to a student intending to work in Spartanburg County.

**Humanities Grant.** A grant of $200 is awarded annually to support a special project in the Humanities by a deserving

student in any department. The application deadline is the last day of fall semester classes.

**Inman-Riverdale Foundation Nursing Scholarships.** Full tuition to cover four semesters and one summer session is awarded to two incoming freshmen associate degree nursing students. Priority preferences in selecting recipients are: a child of an Inman Mills employee, resident of Inman or Enoree, or resident of Spartanburg County; financial need; character, aptitude, leadership, scholastic qualities, and agreement to work in Spartanburg County for two years.

**USCS Jazz Band Scholarship.** One-half of the spring semester's tuition is awarded to a member of the band in recognition of that service to the university. The recipient must have a minimum GPR of 2.5 and demonstrate financial need.

**J. Davis Kerr Scholarship.** This scholarship awards $400 to a student preparing either for law school (pre-law) or a student playing on the women's basketball team.

**Kiwanis Club of Spartanburg Scholarship.** The Kiwanis scholarship awards $250 annually to each of two incoming freshmen. The award is made to Spartanburg County residents with financial need and scholastic merit.

**Minority Incentive Grant.** Funded by the South Carolina Commission on Higher Education, ten grants of $1,000 each are awarded to black students who are recent graduates of associate degree programs with a 2.5 GPR.

**Music Scholarships.** These are available to outstanding members of the Gordon-Colloms Gospel Choir, Pep or Jazz Band, and University Singers.

**Olney Scholarships.** Funded by the Spartanburg County Foundation, the following scholarships are offered:

Five awards of $1000 each to Spartanburg County residents having completed one year of full-time study at USCS with a minimum GPR of 3.0. Recipients must demonstrate financial need, campus citizenship, and character.

One non-recurring award of $1000 to a resident of Spartanburg County enrolled as a part-time student, not presently attending college. Students must be at least 23 years of age, or have been out of school for at least three years. Students must also take 6-8 semester hours and show financial need, campus citizenship, and character.

**Part-Time Student Scholarship.** Two scholarships of $50 per semester are awarded to a student taking no more than 7 hours. The awards are made to the applicants with the highest academic performance who is receiving no other financial aid.

**Piedmont Scholarships.** Five scholarships of $1,500 per year for four years are awarded annually to high school seniors from Cherokee, Greenville, and Spartanburg Counties on the basis of academic ability, leadership qualities, and school and community involvement. Inquiries should be directed to the Admissions Office. The application deadline date is December 15.

**Matthew Poliakoff Scholarship.** This scholarship awards $150 to

a junior with financial need, a minimum GPR of 3.0, majoring in political science or business administration, or a student following a pre-law program. Preference given to students demonstrating an interest and planning participation in governmental processes.

**ROTC Scholarships.** Scholarships which pay for tuition, textbooks, and other miscellaneous academic expenses together with a $1000 subsistence allowance are available. For information, contact the ROTC Office in the Hodge Center.

**Rotary Club of Spartanburg Scholarship.** This scholarship awards $400 annually to a Spartanburg County resident from a non-Rotarian family with financial need and proven scholastic aptitude.

**Olin B. Sansbury, Sr. Scholarship.** This scholarship awards one-half of tuition and fees to a student with academic ability, financial need, and potential as a contributing citizen of school and community. Preference is given to those planning a career in public affairs.

**Science and Mathematics Scholarship.** This scholarship awards up to one-half tuition to a full-time junior or senior science major with financial need and a minimum GPR 3.0.

**D.L. Scurry Foundation Scholarships.** This scholarship awards approximately $300 to South Carolina residents who demonstrate academic ability and financial need.

**Eugene Blakely Sloan and Janie Lindsay Sloan Scholarship.** A scholarship of $250 is awarded annually to a junior with a minimum 3.0 GPR and completion of at least two semesters each in English, history, mathematics, foreign language, and lab science.

**Social and Behavioral Science Scholarship.** This scholarship awards $100 to a Social or Behavioral Science major (or related field) with a minimum 3.0 GPR. Student must have attained at least junior standing.

**South Carolina Electric and Gas Company Scholarship.** This scholarship awards $750 annually to students in the upper one-third of their class who demonstrate financial need and outstanding leadership qualities and whose parent(s) are customers of South Carolina Electric and Gas.

**Sulzer Ruti, Inc. Scholarship.** This scholarship awards $250 annually to a student with financial need and academic ability who has completed international studies or foreign language course work.

**Teresa D. Tiller Splawn Memorial Scholarship.** This scholarship awards $100 to a nursing student who has previously worked in a nonprofessional health service position.

**University of South Carolina Alumni Scholarships.** This scholarship awards varying amounts to freshmen by judicial circuits in South Carolina and metropolitan areas outside the state. These awards are based on academic ability and are renewable. The deadline is February 1 for admission application (no other application necessary).

**USCS Staff Scholarship.** A full-time, classified USCS staff

member is awarded 60 percent of tuition and fees for one course furthering his undergraduate education. The recipient must have a minimum of two years service, academic ability, and meet all admission requirements in advance of the award. Preference is given to an employee in a degree program who receives the recommendation of his supervisor. The student is expected to earn a grade of "C" or better.

**Veterans of Foreign Wars Scholarship.** This scholarship awards $630 annually to a child of a deceased veteran, veteran, or V.F.W. member who is or was a Spartanburg County resident.

**Dick Yost Lifelong Learning Scholarship.** This is a $325 award to a student 23 years of age or older who has a minimum 3.0 GPR and is enrolled for a minimum of 6-semester hours. Financial need must be shown. Preference is given to a self-supporting student planning a public service career.

## Other Aid

**Veterans and Dependents Benefits.** Educational benefits are available to qualified veterans and children of deceased and disabled veterans. Inquiries should be made at the Financial Aid and Veterans Affairs Office.

**Vocational Rehabilitation.** This service is to conserve the working usefulness of persons with an impairment who have reasonable expectations of becoming employed. Students who might qualify for Vocational Rehabilitation aid to attend college should communicate with the Office of Vocational Rehabilitation in the county seat of their home county for more information.

## STUDENT SERVICES

The purpose of the student services program is to contribute to the total development of students as individuals. This is accomplished through services and activities designed to supplement students' academic programs as well as to assist them in physical, emotional, and social growth.

### Academic Advisors

Freshmen or transfer students with less than 30-semester hours are assigned an academic advisor from the Freshmen-Sophomore Center. When students have earned approximately 30 semester hours, they are transferred to the school in which they plan to major or else to the School of Humanities and Sciences for assignment to an advisor. These advisors assist students in planning their academic programs. However, it is the students' responsibility to follow degree requirements published in the USCS catalog.

### Career Development

Career development counseling is available to students to assist them in the clarification of their personal goals and in exploring career opportunities. A career information library offers useful data on thousands of jobs and hundreds of employers. Individual and group counseling is available free of charge.

### Child Care

Children from three to six years of age can be enrolled at the Burroughs Child Development Center. The Center is open from 7:30 a.m. to 5:30 p.m. weekdays. Students with demonstrated financial need can enroll their children free of charge while others pay a weekly fee for each child. Hourly care for children from two to ten years of age is also available from 3:00 to 9:00 p.m. Monday through Thursday.

### Counseling

Counseling services are provided without charge to USCS students on matters of personal, educational, and career concerns.

The counseling staff includes several counselors with advanced degrees and training. Services offered include individual, interpersonal, marital counseling, personal adjustment, group counseling, educational counseling, and career interest testing. Consultation to community and campus agencies is also available.

## Developmental Studies Program

This program coordinates developmental courses in reading, English, and mathematics. Its staff also serves as advisors within the Freshmen-Sophomore Center.

Developmental Courses. Mathematics 100, English 100, General Studies 121 and 122 are each 3 semester hour courses available to entering freshmen or transfer students. Admission to these courses is based upon students' advisement tests and recommendation by their advisors.

## Foreign Students

Foreign students should contact the Director of International Education shortly after their arrival on campus for orientation and information especially relevant to foreign students.

## Freshmen-Sophomore Center

The Freshmen-Sophomore Center provides counseling and advisement to all new students and transfer students with 30 or fewer semester hours. Counseling and advisement is conducted by selected freshmen-sophomore advisors from all schools and divisions within the university. The Center attempts to assign an advisor from the subject area in which students want to major; however, freshmen-sophomore advisors are knowledgeable about all programs of the university.

The Para-professional Advisement and Leadership Staff (P.A.L.S.) is a group of sophomores, juniors, and seniors at USCS who serve as friends, guides, para-professional advisors, and orientation leaders for all entering freshmen. The P.A.L.S. help with orientation, registration, and small group meetings throughout the freshman year.

When students earn between 30 and 45 semester hours either at USCS or through accepted transfer credits, they may begin the transfer process to the school or division of their chosen major. However, students must meet the criteria for acceptance into the school or division.

## Handicap Program

Under the auspices of the Director of Special Services to Disadvantaged Students, the university is dedicated to the principle that equal opportunity to realize one's full potential should be available to all students. In keeping with this principle, USCS provides for handicapped persons equal opportunities and accessibility of programs as well as institutional special services. Students who need additional information should contact the Director of Special Services.

## International Education

The Director of International Education has information on study and travel abroad programs run by USCS and a broad range of other programs open to USCS students. Further information is available in the Office of Vice Chancellor for Academic Affairs.

## Job Placement

The Placement Office operates within the framework of the Career Development Center and is staffed by a placement counselor. Job Opportunity Bulletin Boards for summer, part-time, and full-time jobs available for students are located in the Hodge Center, Administration Building, Library Classroom Building, Mary Black School of Nursing, and the Media Center. Additional job information is available in the Placement Office. The Placement Office offers a credential service and resume preparation and interviewing skills workshops. In addition, the Placement Office staff assists many graduating students in finding employment through recruitment activities in business, industry, and government. Alumni are encouraged to use the Placement services for improving their own career and to list job openings that USCS students can fill.

## Piedmont Area Talent Search (P.A.T.S.)

P.A.T.S. offers academic, personal, and career counseling to residents in the Piedmont area of South Carolina who meet program guidelines. Counselors work with area high schools, post-secondary educational institutions, and social agencies to identify and assist clients in realizing their educational goals.

## Publications

**Maggie's Drawers**, the literary magazine, was first published in the spring of 1973. Its title, which signifies a complete

miss of the target on the rifle range, was chosen to fit the school emblem, the Rifles. Maggie's Drawers is published semiannually and exists primarily as an outlet for the creative efforts of the USCS students. However, a special edition of the journal is published each year devoted to the work of high school students.

The Carolinian, the weekly campus newspaper, is published entirely by students. It contains information pertaining to student life from club news and athletic results to features and weekly columns.

## Reading and Math Clinic

Reading and mathematics instruction is available to public school students and adult clients. A testing session is conducted prior to the scheduling of one-to-one reading instruction. A fee is charged.

## Special Services for Disadvantaged Students

The Department of Special Services is funded through a federal grant and gives assistance to 150 students a year. In order for the students to be eligible they must meet certain criteria. The students in the program are either physically handicapped, have learning disabilities, are taking two or more developmental courses, receiving financial aid, or are first generation college students. Special advisement and counseling sessions are provided to each individual by a trained staff member. Also available are interpreters for the deaf, readers for the blind, and tutors in all subject areas. Students who need additional information should contact the Director of Special Services.

## Student Government Association

The S.G.A. is composed of a group of elected student officials who work to conduct student functions and to maintain lines of communication among the faculty, administration, and student body. Students are appointed to various university committees upon the recommendations of the S.G.A. Campus social activities are coordinated through the S.G.A. Student organizations are chartered upon its recommendation, and budgets of all organizations must be reviewed by the S.G.A.

## Student Handbook

The USCS Student Handbook contains additional rules and regulations as well as the "Code of Academic Responsibility." Students are responsible for obtaining a copy of the handbook from the Student Affairs Office upon registration.

## Student Housing

Housing for a limited number of students is available at The Rifle Ridge Apartments. Apartment suites accommodating four students and equipped with kitchens and furniture are located on campus. For further information, contact Pulliam Investment Co., Inc., 812 East Main Street, Spartanburg, S.C. 29302.

## Student Organizations

There are a variety of student organizations available for student participation. For more information, consult the Student Handbook.

## Tutoring Laboratory

The Tutoring Lab provides free tutorial help to students in all subject areas. Junior and Senior level students provide this instruction by appointment or on a drop-in basis. The Tutoring Lab is located in the Library Building, second floor.

## Veterans Affairs

Students eligible to receive Veterans' educational benefits should contact the Veterans Coordinator. Students receiving veterans benefits are required to report any changes in curriculum, including courses dropped or added, absences, and withdrawal. Failure to report such changes results in termination of benefits.

USCS

## Curricula

The curricula established for all baccalaureate degrees include, generally, a set of courses that fulfill the general education requirements, a set of courses that comprise a departmental major, a set of courses that comprise a cognate, and several elective courses.

General Education Requirements. A set of general education requirements is included in each baccalaureate degree program. The purpose of such requirements is to provide a broadly-based educational foundation upon which an area of specialization may be developed. For this reason, students are encouraged to select various courses outside their major area of study.

In order to help to insure common educational competencies and skills in all students, the faculty of USCS has adopted a set of general education requirements that apply across all schools of the university.

## General Education Requirements

The general education requirements listed below are incorporated into all majors at USCS. They represent a minimum level of introduction to various subdivisions in the Liberal Arts, providing a common educational experience for all USCS graduates.

A course may be used to satisfy only one general education requirement.

### I. Communication

**Purpose:** To be able to read, write, speak, and comprehend standard English effectively.

English 101, 102.....6
Theater 140.....3

All students must be proficient in writing to graduate from USCS. English 102 at USCS satisfies this requirement. Transfer students may demonstrate proficiency in writing by any of the following:

a. successful completion of English 102 at USCS
b. successful completion of a writing competency test (the test may be repeated once)
c. successful completion of English 245 at USCS

All students must also be proficient in reading. Students who fail a reading competency exam upon entering must complete General Studies 121.

## II. Mathematics

**Purpose:** To have knowledge of the fundamentals of algebra especially as used in solving principal, interest, motion, area, volume, rate, and comparable concepts; to be able to construct, read, and interpret graphs, to be able to understand elementary statistics.

Mathematics 121 or a higher-level mathematics course (some USCS majors require higher-level mathematics courses) or successful completion of a mathematics competency examination.....3

One additional course to be selected from a higher-level mathematics course, logic, or statistics....3

## III. Arts and Humanities

**Purpose:** To exhibit an appreciation of the cultural roots of modern society; to develop analytical reading and writing skills; to explore the fine arts: music, art, drama.

Fine arts.....3
History 101, 102, 111, or 112.....3
One course selected from the following:.....3

- American literature
- Art history
- English literature, linguistics, or literary theory
- History
- Literature in a foreign language
- Music history
- Philosophy
- Religion
- Theater history
- World literature

## IV. Social and Behavioral Sciences

**Purpose:** To understand the dynamics of interactions at the personal, group, and societal level; to have introductory understanding of the dynamics of local, state, national, and international relationships; to exhibit the ability to organize data and information and to analyze and interpret data and information.

Government 201.....3
Courses from two of the following, with two disciplines represented:.....6

Anthropology
Economics 221, 222
Government and International Studies
Geography 103
Psychology (except statistics)
Sociology (except statistics)

V. Natural Science

Purpose: To explore the methods, strengths, and limitations of science; to exhibit a knowledge of important scientific models which form a basis of our modern culture; to experience the gathering, organization, and interpretation of data; to explore the interrelatedness of science and society.

Two courses, including at least one laboratory course, to be selected from one or more of the following:..7-8

Astronomy
Biology
Chemistry
Geography 201, 202
Geology
Physics

VI. Foreign Culture

Purpose: To develop an understanding of contemporary foreign culture; to have an awareness of cultural diversity; to increase understanding of international issues.

A course of an international nature. The following courses satisfy the Foreign Culture requirement:

Anthropology 102
Art
English 276, 290, 322, 423, 319
Geography 121, 212, 340
Government and International Studies 310, 447, 491 (Great Decisions)
History 105, 106, 112, 312, 321, 322, 357, 358, 492, 565
Sociology 305
Or any foreign language course except 103.....3-4

VII. Computer Studies

Purpose: To exhibit a knowledge of the uses and limitations of computers, both generally and in the student's major discipline; to be able to use existing software packages and word processing on a microcomputer.

This requirement may be fulfilled by one of the following three ways:

1. Computer Science 130 and 131
2. A Computer Science Course numbered 140 or above
3. Engineering 110

Students with previous computer experience may satisfy the Computer Studies requirement by successful completion of a competency test.

VIII. Senior Seminar

Purpose: To integrate knowledge at an advanced level; to explore ethical issues; to gain experience in research and oral presentation.

A course or combination of courses (1 or more semester hours) selected in consultation with the student's major advisor.....1

47-49

**Major Requirements.** Each baccalaureate degree program includes courses to enable students to specialize in a particular area of interest. A minimum grade of "C" is required for any course submitted for fulfillment of a major requirement. Exceptions to this requirement are noted in the description of each academic program.

**Cognates.** In addition to the satisfactory completion of courses in the major field of study, students must also complete a specified number of hours in advanced courses related to their major as prescribed by their major school. Cognates are not required for professional degrees (i.e., nursing, education, business administration).

The cognate is intended to support the course work in the major. The cognate is not a second set of elective courses chosen at random. The cognate must be approved by the advisor as related to the major field of study. Courses taken for cognate credit should be junior-senior level courses and must be approved

in advance by the student's major advisor. Cognate courses may be taken in one or more departments.

**Electives.** Most degree programs allow students the opportunity to take a limited number of courses that do not fulfill any specific academic requirements. Normally, any course can be counted as an elective, but some restrictions may be imposed by particular degree programs. Elective credits for participation in the university chorus, orchestra, band or physical education activity courses may be counted up to a maximum of 4 credits. Elective credits for special university courses (UNIV) may be counted up to a maximum of 6 credits.

**Upper-Level Courses.** The following courses are usually considered to be upper-level courses:

| | |
|---|---|
| Art | all numbered 200 and above |
| Biology | all except 101, 102, 110, 232, 242, 400, 440 |
| Business Administration | all numbered 300 and above |
| Chemistry | all except 101, 102, 111, 112 |
| Computer Science | all numbered 210 or above |
| Criminal Justice | all numbered 300 and above |
| Economics | all except 221, 222 |
| Education | all numbered 300 and above |
| English | all numbered 300 and above |
| Foreign Language | all numbered 300 and above |
| Geography | all numbered 200 and above |
| Government and International Studies | all except 201 |
| History | all numbered 300 and above |
| Journalism | all numbered 300 and above |
| Mathematics | all numbered 241 and above except 501 and 502 |
| Military Science | all numbered 300 and above |
| Music | all numbered 200 and above |
| Philosophy | all numbered 200 and above |
| Physics | all numbered above 202 |
| Psychology | all except 101 and 225 |
| Sociology | all numbered 300 and above |
| Theater and Speech | all numbered 200 and above |
| University | all numbered 300 and above |

**Senior Seminar Courses.** The following courses have been approved as senior seminars: Biology 645; Business Administration 478, 595; Computer Science 599; Education 469, 470, 479, 473, 475, 478, 480, 481; English 490; Government 500; History 500; Psychology, any 500-level course.

## Advisement

It is the responsibility of students to see that they complete

all requirements for the degree. Students and their major advisor are responsible for evaluating progress toward the degree and for interpreting and applying major requirements. Normally, students are able to progress by accepting the advice of their advisor, a faculty member in the field in which students intend to major. When special problems arise, students may consult their dean or the Vice Chancellor of Academic Affairs.

## Continuing Education

The Division of Continuing Education is responsible for developing, promoting, and presenting noncredit short courses and seminars. The mission of Continuing Education at USCS is to make the resources of the university available to the community. It has course offerings for the general public as well as for business, government, and industry. Courses can be tailored to meet the special needs of individual employers and are offered on campus or at other sites.

## Evening Education

Students may earn any of eight bachelors degrees by attending USCS in the evening either full or part-time. These majors include business administration, computer science, criminal justice, history, interdisciplinary studies, nursing, political science, and psychology. The Evening School Office is open to aid students and to take suggestions and complaints. In addition, the Admissions, Counseling, Placement, the Financial Aid Offices, and the Bookstore are open at various times in the evening. Childcare is also available through the Burroughs Child Development Center.

## Graduate Regional Studies Program

The Graduate School of the University of South Carolina at Columbia offers courses on the USCS campus. Classes offered include guidance and counseling; journalism; librarianship; social work; and art, early childhood, elementary, secondary, and reading education as well as educational administration. Other courses may also be taught. For a listing of course offerings, applications, and other information consult the Director of Graduate Regional Studies, located in the Media Building on the USCS campus (578-1800, ext. 2559).

New Students. New students must apply for admission to the Graduate School of the University of South Carolina. A non-refundable application fee of $25 is required of all applicants. Students planning to take courses on the USCS campus should send applications to the Office of Graduate Regional Studies, USCS.

Admission for Renewal of Teaching Certification. This admission status permits teachers to take 12 hours of graduate credit over the next five years in order to renew their teaching certificate. Applicants must complete only the Certification Admission form, provide their teaching certificate number, and pay a $25 application fee. No transcripts or other forms are required. Applicants eligible to use this admission status are those who enroll to renew a professional certificate, intend to take only 12 hours during the next five years, do not plan to enter a degree program, and have taken no USC graduate courses in five years.

Students wishing to take more than 12 hours during the five year period must submit a regular Graduate School application for non-degree admission. No additional application fee is required.

Fees for certified teachers (both in-state and out-of-state) are currently reduced to $50 per semester hour. Teachers must have a valid teaching certificate. The tuition reduction is only available for those taking less than 12 hours. To avoid delays at registration, teachers should bring a photocopy of their teaching certificates.

Non-Degree Status. Teachers may register for 12 hours on a non-degree basis by completing an application and requesting that an official transcript of baccalaureate credits with the degree posted be sent to the Graduate School.

Full Admission to a Degree Program. Applicants are required to meet all standards for admission as outlined in the The University of South Carolina Bulletin.

## SPECIAL PROGRAMS

### Pre-law

Although law schools do not generally prescribe any certain curriculum for prospective students, USCS provides advisement service and information about various law school programs through the Chairperson of the Division of Social and Behavioral Sciences.

It must be emphasized that there is no pre-law major. While students interested in law school tend to major in government, majors in English, history, economics, or other subjects are all acceptable majors for pre-law students. However, law schools are interested in candidates who have acquired certain skills, among these are mastery of spoken and written English as well as an ability for critical thinking. In addition to the core courses required of all USCS students, the following list of suggested courses may help to prepare students for the study of law.

## Pre-law Suggested Courses

| | |
|---|---|
| **Freshman Year** | |
| Psychology 101: | Introductory psychology |
| Foreign language 101, 102: | French, German, or Spanish |
| Mathematics 121: | Mathematical analysis |
| Sociology 101: | Introductory sociology |
| **Sophomore Year** | |
| Economics 221: | Principles of macroeconomics |
| History 112: | An introduction to non-western civilizations |
| Logic 205: | Introduction to logic and rhetoric |
| Logic 207: | Deductive logic |
| History 201: | History of the U.S. |
| Government 310: | International politics |
| **Junior Year** | |
| Computer science 130: | Introduction to computer technology |
| Computer science 131: | Basic programming |
| Business Administration 225: | Fundamentals of accounting |
| Logic 208: | Inductive logic |
| Theater 140: | Public address |
| Government 364: | State and local government |
| **Senior Year** | |
| Government 452: | The judicial process |
| Government 550: | Constitutional law |
| Government 551: | Constitutional law |

It cannot be emphasized strongly enough that fulfillment of these courses does not assure a student's acceptance into law school. Students in any major or program interested in attending law school should see the Chairperson of the Division of Social and Behavioral Sciences for assignment of a pre-law advisor.

## Pre-pharmacy

USCS provides advisement services to pre-pharmacy students through specified faculty members in Chemistry. In the fall, a representative of the School of Pharmacy from the University of South Carolina at Columbia meets with interested USCS students to help with advisement. The Medical University of South Carolina in Charleston (MUSC) admits a number of USCS students into its pharmacy school. Entrance requirements differ from those at USC in a number of important ways. A pharmacy advisor should be

consulted if one is planning to attend MUSC. Other schools send recruiters to USCS for prospective pharmacy students.

It must be emphasized that USCS does not offer a degree in pharmacy. However, through an arrangement between USCS and the USC School of Pharmacy, students may apply to the USC School of Pharmacy as early as their freshman year, receive conditional acceptance, and continue at USCS until the beginning of their second pharmacy year. Students should note that the School of Pharmacy considers English 101 and 102 (Composition and Composition and Literature), an English course at the 200-level, Mathematics 125 (Precalculus Mathematics), and all elective hours as a part of the required courses for the pharmacy program. Students must also have either Economics 221 or 222 (Principles of Macroeconomics or Principles of Microeconomics). The following additional required courses have been developed through consultation between the USC School of Pharmacy and USCS.

**Recommended Courses for the USC School of Pharmacy**

| | |
|---|---|
| **Pre-Pharmacy Year** | |
| Chemistry 111: | General Chemistry |
| Chemistry 112: | General chemistry and qualitative analysis |
| Computer Science | |
| Economics 221: | Principles of macroeconomics or |
| Economics 222: | Principles of microeconomics |
| Elective | (9-semester hours) |
| English 101, 102: | Composition and literature |
| Mathematics 125: | Precalculus mathematics |
| Mathematics 141: | Calculus |
| Psychology 101: | Introduction to psychology |
| **First Pharmacy Year** | |
| Chemistry 231: | Organic chemistry |
| Chemistry 231L: | Organic chemistry lab |
| Chemistry 232: | Organic chemistry |
| Chemistry 232L: | Organic chemistry lab |
| Physics 201: | General physics I |
| Physics 202: | General physics II |
| Mathematics 201: | Elementary statistics |
| Biology 232: | Anatomy |
| Biology 242: | Physiology |
| Electives | (6-semester hours) |

This course list assumes that students have completed a year in general biology in high school. If they have not, Biology 110 should be taken in the freshman year for elective credit. In addition, while Computer Science 130 and 131 are recommended for

meeting the computer literacy requirement, students who qualify may prefer to take Computer Science 140.

As soon as possible, students interested in pursuing a career in pharmacy should contact the Freshman-Sophomore Center or, if they have earned more than 60-semester hours, the Chairperson of the Division of Science and Mathematics for assignment to a pre-pharmacy advisor.

## Army Reserve Officer Training Corps (ROTC)

Participation in ROTC is voluntary. Semester hours earned with the department can be applied toward an academic degree program. Uniforms, textbooks, and equipment required for the ROTC program are provided at no expense to the student. For ROTC scholarship students, the Army pays tuition and other expenses (see description under "Scholarships"). The ROTC program is normally four years of instruction; however, a two-year program is also offered. The four-year program of instruction is divided into the Basic Program and the Advanced Course.

**The Basic Program.** Acceptance may be considered when one of the following programs have been completed: six semester hours in the Basic Program, two years of active military duty with an honorable discharge, or three years of JROTC. Students must show leadership potential and meet the necessary physical and academic standards. Students participating in the Basic Program have no military service obligation.

**The Advanced Program.** Satisfactory completion of six semester hours in the Basic Program, ninety contact hours in ROTC-sponsored extracurricular activities (see below), substitute military experience (two years of active duty with an honorable discharge), or three years of JROTC qualifies students for entrance into the Advanced Program, if they have also shown leadership potential and have met the necessary physical and academic standards.

Normally taken during students' junior and senior years, the Advanced Program offers a maximum of 12-semester hours. It provides instruction in techniques of effective leadership, tactics, military law, logistics, administration, responsibility of the officer, and the exercise of command. It is designed to further the development of the students' leadership qualities. Advanced Program students receive a tax-free subsistence allowance of $100 per month for ten academic months per year, and are paid approximately $800 for the six-week Summer Camp they are required to attend after completion of their junior year. The total subsistence and pay amounts to more than $2,800 while enrolled in the Advanced Program. Cadets graduating from the ROTC program receive a Second Lieutenants' commission upon completing their undergraduate degree requirements.

The Advanced Program cadet may elect to enter active duty for three years or participate in the Reserve Force Duty Program

(R.F.D.) as means for fulfilling the incurred obligation for military service. Under the R.F.D. program, students are commissioned in either the National Guard or the U.S. Army Reserves for a total of eight years, during which time they attend monthly paid drill periods. This enables individuals to pursue civilian careers and serve their nation at the same time. The R.F.D. program can be guaranteed if the student desires. Moreover, students' preferences concerning the occupational specialty in which they wish to serve are taken into consideration prior to assignment. The options offered are numerous and attractive.

**ROTC Activities.** In addition to normal classroom instruction, the Military Science Department sponsors numerous extracurricular activities. These activities are designed to complement and reinforce classroom skills and techniques. Participation is voluntary and no academic credit is awarded. However, contact hours may be accumulated and used for progression into the Advanced Program. The activities presently offered are the Rifle Team, and the Rangers. A chapter of the National Military Honor Society of Scabbard and Blade is available for student participation. Adventure activities such as rappelling, orienteering, and mountaineering are open for participation.

**Faculty**
**Military Science**

LTC John W. Arrington, PMS and Department Chairman
MAJ Oland B. Little, USCS Coordinator
MAJ Mark A. Buffler
CPT Michael J. Blackburn
CPT Pat Phillips
CPT Christopher Sylvia
SGM Leonza Best, Jr.
SFC Gordon L. Smith, USCS Assistant Instructor

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RIFLE

## SCHOOL OF BUSINESS ADMINISTRATION AND ECONOMICS

The School of Business Administration and Economics offers a professional program leading to the degree of Bachelor of Science in Business Administration. The program emphasizes a broad liberal arts background, but provides enough concentration in professional courses to prepare students for entry level jobs in business and industry. The curriculum has sufficient flexibility to adapt to students' particular interests and goals. Students may elect to concentrate in accounting, data processing, economics/finance, management, or marketing.

All business administration students are required to take the specified general education subjects such as English, mathematics, public speaking, behavioral science, natural science, and social science. Students are required to take the common business and economics core sequence which spans the full range of business functions and a concentration area of business specialization. Students also have 4-8 hours of electives which can be used for further specialization in business and economics or for exploring areas of academic fulfillment outside the business field.

A minimum average grade of "C" must be earned on all business administration and economics core courses submitted for graduation and all business administration and economics courses submitted to fulfill concentration requirements.

Students who plan to major in business administration should begin the recommended sequence of course completion for fulfilling degree requirements as early as possible. The recommended sequence includes a combination of business and economics and general education courses for each semester in which the student is enrolled in the business program. For example, it is imperative that students begin their mathematics/statistics sequence in the first semester of their freshman year and continue this sequence each semester in order to be admitted to the upper division at the end of their second year of studies. Students interested in business administration are advised by a faculty advisor from the School of Business Administration and Economics. Those students with less than 30 earned semester hours are assigned an advisor from the Freshmen-Sophomore Center with expertise in Business Administration and Economics. Students are also invited to visit the School of Business and Economics to explore career opportunities.

Students majoring in business administration must meet the regular university admissions requirements and all the additional requirements stated below.

Students desiring admission to the upper division of the School of Business must have completed at least 45 hours with a

cumulative GPR of at least 2.0 on all hours attempted. The following courses must be included in the 45 hours with at least an average GPR of 2.0 earned in these courses: English 101, English 102, Mathematics 121 and 122, Economics 221, Business Administration 190, Business Administration 225, and Economics 291. Application for admission to the upper division is made after the semester students have completed these requirements and have either completed or are currently enrolled in Business Administration 226, Economics 292, and Economics 222. The application form is available in the School of Business Office.

Business administration and economics courses numbered 300 and above are upper-level courses and cannot be taken by business administration majors until they have been accepted into the upper division. A maximum of 64 semester hours credit may be applied toward a Bachelor of Science in Business Administration degree from a two-year school outside the USC System.

Students transferring from other departments or schools within the university system and other accredited institutions are expected to complete the same requirements for admission to the upper division of the School of Business.

Possible exceptions to these criteria are determined by the School of Business Admissions Committee.

**Recommended Curriculum**
**for the B.S. in Business Administration**

Freshman Year--Fall

| | |
|---|---|
| English 101: | Composition |
| Mathematics 121: | Mathematical Analysis I |
| Natural Science | |
| Computer Science 130 and 131 (140 for data processing concentration): | Introduction to Computer Technology |
| Group III elective | |

Freshman Year--Spring

| | |
|---|---|
| English 102: | Composition and Literature |
| Mathematics 122: | Mathematical Analysis II |
| Natural Science | |
| Business Administration 190: | Business Data Processing |
| Group III elective | |

Sophomore Year--Fall

| | |
|---|---|
| Economics 221: | Principles of Macroeconomics |
| Economics 291: | Probability and Statistics |
| Business Administration 225: | Fundamentals of Accounting |
| Theater 140: | Public Address |
| Group III elective | |

Recommended Curriculum
for the B.S. in Business Administration (continued)

Sophomore Year--Spring

| | |
|---|---|
| Economics 222: | Principles of Microeconomics |
| Economics 292: | Statistical Inference |
| Business Administration 226: | Fundamentals of Accounting |
| Government 201: | American National Government |
| English elective | |

Junior Year--Fall
- Group IV elective
- English elective
- Major core course
- Major core course
- Major concentration course

Junior Year--Spring
- Group IV elective
- Major core course
- Major core course
- Major core course
- Major concentration course

Senior Year--Fall
- Upper-level elective
- Elective
- Group VI elective
- Major concentration course
- Major concentration course

Senior Year--Spring
- Business Administration 478
- Elective
- Major concentration course
- Major concentration course
- Major concentration course

## Bachelor of Science
## Major in Business Administration
## (Concentrations in Accounting, Economics/Finance, Management and Marketing)

General Education Requirements

I. Communication

English 101, 102.....6
Theater 140.....3

II. **Mathematics**

Mathematics 121, 122 or higher level mathematics courses.....6-8

III. **Arts and Humanities**

Fine Arts.....3
History 101, 102, 111, or 112.....3
One course selected from the following:.....3

- Art History
- Music History
- Theater History
- Philosophy
- Religion
- Literature in a Foreign Language
- History

IV. **Social and Behavioral Sciences**

Government 201.....3
Courses from two of the following, with two disciplines represented.....6

- Anthropology
- Government and International Studies
- Geography 103
- Psychology (except statistics)
- Sociology (except statistics)

V. **Natural Science**

Two courses, including at least one laboratory course, to be selected from one or more of the following:.....7-8

- Astronomy
- Biology
- Chemistry
- Geography 201, 202
- Geology
- Physics

VI. **Foreign Culture**

One course selected from the following:.....3-4

- Anthropology 102
- Art
- English 276, 290, 322 423, 319
- Geography 121, 212, 340
- Government and International Studies 310, 447, 491
- History 105, 106, 112, 312, 358, 492, 565
- Sociology 305
- Any foreign language except 103

VII. Computer Studies

Computer Science 130 and 131 (or equivalent).....3

VIII. Senior Seminar: see major course requirements

Major Course Requirements

1. **Business Core** (Required of all concentrations)

Business Administration 190, 225, 226, 347, 350, 363, 371, 393.....24
Economics 221, 222, 291, 292.....12
Senior Seminar (Business 478).....3

2. **Major Concentration Areas** (21 hours in upper-level work)

Accounting[1]
Business Administration 331, 332, 333, 335, 535, 537, 539.....21

Economics/Finance
Economics 321, 322, 503; Business Administration 463, and three of the following: Economics 301, 311, 526, 594; Business Administration 467, 468, 469, 561.....21

Management
Business Administration 374, 376, 390, 475, and three of the following: Business Administration 352, 353, 457, 477, 492, 558, 591, Economics 526 and 594.....21

Marketing
Business Administration 351, 352, 457, 558 and three of the following: Business Administration 353, 374, 376, 390, 452, 561, Economics 503, 526.....21

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[1]Students planning to take the Certified Public Accountant examination should take Business Administration 348 and 532 in addition to the accounting concentration courses.

Supporting Courses

Two additional English courses above the 102 level.....6

Electives[1] (at least 3 hours upper-level).....4–8

Total hours required.....120

Bachelor of Science
Major in Business Administration
(Concentration in Data Processing)

General Education Requirements

I. Communication

English 101, 102.....6
Theater 140.....3

II. Mathematics

Mathematics 121, 122 or higher level mathematics courses.....6–8

III. Arts and Humanities

Fine Arts.....3
History 101, 102, 111, or 112.....3
One course selected from two of the following:.....3

American literature
Art history
English literature, linguistics, or literary theory
History
Literature in a foreign language
Music history
Philosophy
Religion
Theater history
World literature

IV. Social and Behavioral Sciences

Government 201.....3
Courses from two (2) of the following, with two disciplines represented:.....6

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[1]General studies courses, University courses, Mathematics 100, and English 100 are not acceptable as electives.

Anthropology
Government and International Studies
Geography 103
Psychology (except statistics)
Sociology (except statistics)

V. **Natural Science**

Two courses, including at least one laboratory course, to be selected from one or more of the following.....7-8

Astronomy
Biology
Chemistry
Geography 201, 202
Geology
Physics

VI. **Foreign Culture**

One course selected from the following:.....3-4

Anthropology 102
Art
English 276, 290, 322, 423, 319
Geography 121, 212, 340
Government and International Studies 310, 447, 491
Sociology 305
Any foreign language except 103
History 105, 106, 112, 312, 322, 357, 358, 492, 565

VII. **Computer Studies**

Computer Science 140.....3

VIII. **Senior Seminar**: see major course requirements

**Major Course Requirements**

1. Major Courses

Business Administration 225, 226, 350, 363, 371, 376, 390, 393, 475, 490.....30
Economics 221, 222, 291, 292.....12
Computer Science 240, 320, 331, 420.....12
Two of the following: Business Administration 492, 582, 589, 591, 593, or Computer Science 310, 512.....6
Senior Seminar (Business 595).....3

Supporting Course

Note: Students should be aware that some of the following support courses may require a "C" or better for graduation. Specific information may be obtained from advisors.

English elective.....3

Electives[1].....4-8

Total Hours Required.....120

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[1]General studies courses, University courses, Mathematics 100 and English 100 are not acceptable as electives.

## SCHOOL OF EDUCATION

The School of Education is an accredited professional school whose chief responsibility is the preparation of teachers for early childhood, elementary, middle, and secondary school certification. The School of Education offers programs in early childhood education and elementary education leading to the Bachelor of Arts degree, in physical education leading to a Bachelor of Science degree, and in secondary education leading to either the Bachelor of Arts or Bachelor of Science degree. In addition to their basic task of providing professional education at the undergraduate level, the faculty of the school undertake research projects which contribute to improvement in the theory and practice of teacher education. They generate handbooks, conference reports, and scholarly publications designed to assist teachers, administrators, and other educators. The faculty sponsor various conferences planned specifically for the staff of elementary, middle, and secondary schools; often these are cooperative efforts with other agencies. They also cooperate with a number of bureaus and clinics developed to augment public school programs and to provide specialized services to the educational community.

The School of Education maintains a curriculum laboratory for the use of USCS faculty, staff, and students, and area public school teachers. This facility provides curriculum aids for instructors at all levels. The Science Education Center is also a part of the USCS curriculum laboratory. The center serves students as well as public school teachers and administrators in the area.

The Burroughs Child Development Center gives students an opportunity to observe and to work with children ages 3 to 6 in a laboratory setting. It offers high quality child care to students and citizens of the community.

### Admission to the Professional Program

Students must apply to the School of Education for admission to the professional program, which covers the junior and senior years. The application form may be obtained from the school office and must be filed with that office at the beginning of the term in which students complete 60-semester hours of study. The deadline for submitting applications is September 30 for the following spring and the last day of February for the following fall.

Admissions of applicants is based on individual consideration of each student. For screening purposes, applicants may also be requested to meet with a faculty committee of the School of

Education. Each applicant must fulfill the following general requirements:

1. completion of English 101 and 102 and Theater 140 or their equivalents, with grades of "C" or better
2. cumulative GPR of at least 2.3 on at least 60 hours earned
3. the achievement of the minimum score on the South Carolina Education Entrance Examination

Action is taken on students' applications for admission to the professional program as soon as their academic records are available. Students who are accepted enter the professional program. Students whose applications are denied are advised of their alternatives.

Students who plan to meet the requirements for a teaching certificate in secondary education while enrolled in another school of the university should consult with the Dean of the School of Education. The dean assigns an advisor in the School of Education to guide the student through the professional sequence of courses. Such consultation should be held as early as possible in the student's undergraduate career to ensure adequate familiarity with teacher education requirements. Students enrolled in other schools of the university should take particular care to inquire about state certification requirements.

Education courses at the 400-level and above may be taken only after admission to the professional program. Students who complete the professional program fulfill the certification requirements of the South Carolina State Board of Education, which uses the standards of the National Association of State Directors of Teacher Education and Certification.

**Admission to Directed Teaching**

Students who wish to enroll for directed teaching must apply no later than the last working day of September (if they wish to teach in the spring) or the last working day of February (if they wish to teach in the fall). The following are general requirements for all students admitted to directed teaching:

1. prior admission to the professional program
2. completion of three-fourths of all major course work
3. 2.5 GPR on major course work with a grade of "C" or better in each course
4. completion of 90-semester hours
5. 2.5 cumulative GPR
6. completion of all education methods courses with a grade of "C" or better in each
7. medical form signed by a physician

In addition to these general requirements, there are specific course prerequisites for each major field. These prerequisites may be changed from time to time at the discretion of the school. It is the responsibility of students to secure from the school office an updated list of prerequisites for directed teaching in their major and to arrange their course of studies with their education advisor so as to meet those prerequisites.

## Transfer Admission

Transfer students with fewer than 60-semester hours of credit may take courses in the School of Education if they meet all university admission requirements. Transfer students who have earned 60 hours or more must meet the admission criteria for the professional program at the time of their initial application for admission to the School of Education as a major. Criteria are available in the school office. Only 64-semester hours of credit may be accepted for transfer from a two-year institution and applied toward the professional degree.

## Continuation Standards

After being admitted to the professional program, students must maintain at least a 2.3 GPR for retention in the program; this is in excess of the minimum GPR required by the university for continuing enrollment. Students who do not maintain a 2.3 GPR cannot enroll in any education courses above the 300-level.

## Evaluation

In addition to evaluations as described in course syllabi, students' competencies relative to School of Education objectives and criteria are evaluated both in professional courses and during directed teaching in the professional phase of teacher education. Every applicant for admission to a professional program undergoes an appraisal by the Teacher Education Program Admissions Committee. This appraisal provides a source of evaluation on non-academic as well as academic factors relative to teaching potential. Continuing advisement sessions use data from various sources in helping prospective teachers to overcome any weaknesses that become evident during their period of preparation.

## Degree Programs

The School of Education has developed curricula leading to the baccalaureate degree in four broad fields: early childhood,

elementary, secondary, and physical education. Although the number of credit hours required for graduation varies to some extent with the subject that the student prepares to teach, a minimum of 130 hours is required for any baccalaureate degree in the School of Education. Students are assigned an advisor with whom they should plan in advance their program of studies for each semester or summer session.

**Early Childhood Education.** The early childhood education program provides preparation for teaching in nurseries, kindergartens, and in the primary grades (1-4). A substantial portion of the curriculum consists of course work in the liberal arts to establish a broad educational background prior to the professional sequence and includes laboratory experiences with young children during each semester of study. During the freshman and sophomore years, and during the junior and senior years when not engaged in other laboratory experiences, students have a practicum assignment in a classroom as an observer, assistant, or both. Arrangements for these experiences are made through the Coordinator of Field Experiences in Education. Students transferring into the program arrange to make up these assignments or provide evidence of equivalent experience.

**Elementary Education.** The elementary education program is designed to prepare students to teach in grades 1-8. The program consists of a general liberal arts background, professional educational training, and preparation in the subject matter to be taught.

During the semester in which students are enrolled in directed teaching (Education 470), they spend all of each school day for a period of fifteen weeks in the elementary or middle school to which they are assigned. For both the early childhood and the elementary education degrees, students spend one half of their directed teaching experience at one grade level and half at another. Students are prohibited from enrolling in any additional course work during this semester without the written consent of the dean.

**Secondary Education Program.** The secondary education program provides for intensive specialization in the particular subject that students plan to teach, in addition to a general liberal arts background and professional education instruction. The secondary education curriculum may lead to either of two baccalaureate degrees (B.A. or B.S.). In most cases, the teaching field selected determines the type of degree granted. The Bachelor of Arts degree requires completion of the second semester level of a foreign language.

**Physical Education Program.** The physical education program is designed to prepare students to teach physical education in grades K-12. In addition to a core program in the liberal arts, students undertake studies in the professional education area as well as in-depth study in physical education.

For both secondary and physical education majors, laboratory experiences comprise an important part of the curriculum in the

junior and senior years. During the junior years, students are assigned to a teacher in the public schools for two hours per week of active classroom involvement (Education 311). During their directed teaching experience, secondary education majors spend one-half of the semester in a middle school and one-half the semester in a secondary school. Directed teaching for physical education majors is arranged at both the elementary and secondary level.

The School of Education reserves the right to change requirements and modify programs as necessary to fulfill state certification requirements. Students must periodically request updated information from the school.

## Bachelor of Arts
## Major in Early Childhood Education

### General Education Requirements

I. Communication

| | |
|---|---|
| English 101, 102 | 6 |
| Theater 140 | 3 |

II. Mathematics

| | |
|---|---|
| Mathematics 501,[1] 502 | 6 |

III. Arts and Humanities

| | |
|---|---|
| Art History 105 or 106 | 3 |
| Music 110 | 3 |
| History 111 | 3 |

IV. Social and Behavioral Sciences

| | |
|---|---|
| Government 201 | 3 |
| Sociology 101 | 3 |
| Psychology 101 | 3 |

V. Natural Sciences

| | |
|---|---|
| Biology 110 | 4 |
| Physics 101 | 4 |

[1]This may require students to take additional mathematics courses to be counted as electives.

VI. Foreign Culture

History 112.....3

VII. Computer Science

Computer Science 130.....2
Computer Science Laboratory 131 or other approved laboratory course.....1

Support General Education Courses for Teacher Education

English 484.....3
Literature.....6
Natural Science.....4
Health Education 221.....3
Art Education 329.....3
Music 454.....3

VIII. Senior Seminar: see major course requirements

Major Courses

1. Professional Education

SEDE 111 Practicum in Education.....1
SEDE 210 Practicum in Education.....1
SEDE 211 Practicum in Education.....1
SEDE 310 Practicum in Education.....1
SEDE 311 Practicum in Education.....1
SEDE 410 Practicum in Education.....1
SEDF 321 Dynamics of American Education.....3
SEDF 333 Introduction to Child Growth and Development.....3
SEDF 335 Introduction to Educational Psychology.....3
SPED 315 Physical Education for the Elementary School Teacher.....2
SHED 331 Health & Education for the Elementary School Child.....2
SEDE 341 Educational Procedures for Exceptional Children.....3
SEDE 542 Early Childhood Curriculum.....3
SEDE 550 Social Studies for the Young Child.....2
SEDE 547 Language Development & Communicative Skill.....3
SEDE 548 Math for the Young Child.....2
SEDE 549 Science for the Young Child.....2
SEDC 400 Resources for Teaching.....1
SEDR 514 Teaching of Reading in the Elementary School....3
SEDR 516 Diagnosis & Correction of Reading Disability....3

2. Student Teaching & Senior Seminar

SEDE 469 Directed Teaching in Early Childhood Education.....15

Electives.....6

Total hours required.....131

Bachelor of Arts
Major in Elementary Education

General Education Courses

I. Communication

English 101, 102.....6
Theater 140.....3

II. Mathematics

Mathematics 501,[1] 502.....6

III. Arts and Humanities

Art History 105/106.....3
Music 110.....3
History 111.....3

IV. Social and Behavioral Sciences

Government 201.....3
Sociology 101.....3
Psychology 101.....3

V. Natural Science

Biology 110.....4
Physics 101.....4

VI. Foreign Culture

History 112.....3

---

[1]This may require students to take additional mathematics courses to be counted as electives.

VII. Computer Science

Computer Science 130.....2
Computer Science Laboratory 131 or other approved laboratory course.....1

Support General Education Courses for Teacher Education

English 484.....3
Literature.....6
Natural Science.....4
Health Education 221.....3
Art Education 329.....3
Music 454.....3
Geography 121.....4

Major Courses

1. Professional Education

SEDL 110 Elementary Practicum.....1
SEDL 210 Elementary Practicum.....1
SEDL 310 Elementary Practicum.....1
SEDL 311 Elementary Practicum.....1
SEDL 410 Elementary Practicum.....1
SEDF 321 Dynamics of American Education.....3
SEDF 333 Introduction to Child Growth and Development.....3
SEDF 335 Introduction to Educational Psychology.....3
SPED 315 Physical Education for the Elementary School Teacher.....2
SHED 331 Health & Education for the Elementary School Child.....2
SEDC 400 Resources for Teaching.....1
SEDR 514 Teaching of Reading in the Elementary School....3
SEDR 516 Diagnosis & Correction of Reading Disabilities..3
SEDL 441 The Elementary School Curriculum & Organization.....3
SEDL 445 Teaching Language Arts in the Elementary & Middle School.....2
SEDL 446 Teaching Mathematics in the Elementary & Middle School.....2
SEDL 447 Teaching Social Studies in the Elementary & Middle School.....2
SEDL 448 Teaching Science in the Elementary & Middle School.....2

2. Student Teaching & Senior Seminar

SEDL 470 Directed Teaching in the Elementary & Middle School.....15

Electives.....6

Total hours required.....130

Bachelor of Science
Major in Physical Education

General Education Courses

I. Communication

English 101, 102.....6
Theater 140.....3

II. Mathematics

Mathematics 121.....3
Mathematics 201, Psychology 225, Sociology 220.....3

III. Arts and Humanities

Art History 105, 106, 207 or Music 110.....3
History 101, 102, 111, or 112.....3
Literature.....3

IV. Social and Behavioral Sciences

Government 201.....3
Psychology 101.....3
One course from Anthropology, Government, Psychology, Sociology, Geography 103, Economics 221, 222.....3

V. Natural Science[1]

Biology 110.....4
One of the following: Astronomy, Chemistry, Geology, Physics.....3/4

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[1]Certification requires a minimum of 12 hours of natural science which must include two laboratory courses, a biological science, and a physical science.

VI. **Foreign Culture**

English 276, 290, 322, 423, 319.....3

VII. **Computer Science**

Computer Science 130.....2
Computer Science Laboratory 131 or other approved laboratory course.....1

**Support General Education Courses for Teacher Education**

Anatomy/Physiology.....8
Health Education 221, 235, 331 or 434.....8-9

**Major Courses**

1. **Professional Education Courses**

SEDL 310 Practicum in Education or SEDS 311 Practicum in Education.....1
SEDF 321 Dynamics of American Education.....3
SEDF 333 Introduction to Child Growth & Development.....3
SEDF 334 Introduction to Adolescent Growth & Development.....3
SEDL 441 The Elementary School Curriculum or SEDS 442 Secondary School Curriculum.....3

2. **Major Field**

SPED 101 Introduction to Physical Education.....3
SPED 201 Teaching Physical Education.....3
SPED 401 Kinesiology.....3
SPED 403 Organization & Administration of Intramural & Extramural Activities.....3
SPED 545 Measurement & Evaluation of Physical Education.....3
SPED 553 Organization & Administration of Physical Education.....3
SPED 562 Physical Education for the Exceptional Child....3

**Physical Education electives** (with approval of advisor).....3

**Skill courses:**

SPED 315 Physical Education for the Elementary School Teacher.....2
SPED 320 Individual & Dual Sports.....2
SPED 330 Folk, Square & Social Dance.....2

SPED 350 Gymnastics & Tumbling.....2
SPED 360 Team Sports.....2
And other activity courses by approval of advisor.....5

3. Student Teaching & Senior Seminar

SPED 479 Directed Teaching in High School Physical Education.....15

Total hours required.....132-134

## Bachelor of Arts or Sciences in Secondary Education

General Education Requirements

I. Communication

English 101, 102.....6
Theater 140.....3

II. Mathematics

Mathematics 121 (Mathematics 125 for Mathematics Majors).....3
Mathematics 201, Psychology 225, Sociology 220.....3

III. Arts and Humanities

Art History 105, 106, 207.....3
Music 110.....3
History 101, 102, 111, or 112.....3

IV. Social and Behavioral Sciences

Government 201.....3
Sociology 101.....3
Psychology 101.....3

V. Natural Science

Biology 110 (Biology 101 for Biology & Earth Science Majors).....4
One of the following: Astronomy, Chemistry, Geology, Physics.....3-4

VI. Foreign Culture

English 276, 290, 322, 423, 319.....3

VII. Computer Science

Computer Science 130.....2
Computer Science Laboratory 131-136 or other approved laboratory course.....1

Support General Education Courses for Teacher Education

Literature.....3
Natural Science[1].....4-5
Health Education 221.....3
Foreign Language (Required for the B.A. degree only).....6-8

Major Courses

1. Professional Education Courses

SEDS 210 Practicum in Education.....1
SEDS 211 Practicum in Education.....1
SEDS 311 Practicum in Education.....1
SEDS 400 Resources for Teachers.....1
SEDF 321 Dynamics of American Education.....3
SEDF 334 Introduction to Child Growth & Development.....3
SEDF 335 Introduction to Educational Psychology.....3
SEDS 446 Secondary School Curriculum.....3
SEDS 518 Reading in the Secondary School.....3
SEDS 447-453 Teaching in High School.....3

2. Major Fields

Biology (Natural Science Certification)

SBIO 101, 102 Biology Science I & II.....8
SBIO 310 Invertebrate Zoology.....4
SBIO 315 Comparative Vertebrate Anatomy.....4
SBIO 320 Botany or SBIO 380 Plant Geography.....4
SBIO 330 Microbiology.....4
SBIO 350 Fundamental Genetics.....4
SBIO 570 Principles of Ecology.....4
SCHE 111, 112 General Chemistry and General Chemistry and Qualitative Analysis.....8
SCHE 310 Introductory Biochemistry or SBIO 360, General Physiology.....4

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[1]Certification requires a minimum of 12 hours of natural science which must include two laboratory courses.

Chemistry

| | | |
|---|---|---|
| SCHE 111-112 | General Chemistry, General Chemistry and Qualitative Analysis | 8 |
| SCHE 221-221L | Quantitative Analysis and Quantitative Analysis Laboratory | 4 |
| SCHE 231-231L | Organic Chemistry and Organic Chemistry Laboratory | 4 |
| SCHE 232-232L | Organic Chemistry and Organic Chemistry Laboratory | 4 |
| | Physical Chemistry | 4 |
| SMTH 142 | Calculus II | 4 |
| SMTH 241 | Multivariable Calculus | 4 |

Earth Science

| | | |
|---|---|---|
| SPHS 201, 202 | General Physics I and II | 8 |
| SGEL 101, 102 | Physical Geology and Historical Geology | 8 |
| SBIO 101, 102 | Biology Science I & II | 8 |
| SAST 111 | Descriptive Astronomy I | 3 |
| SMTH 122 | Mathematical Analysis II | 3 |
| SCHE 111-112[1] | General Chemistry, General Chemistry and Qualitative Analysis | 9 |
| SBIO 570 | Principles of Ecology | 4 |
| SGEG 202 | Introduction to Weather and Climate | 4 |

English (English Certification)[2]

| | | |
|---|---|---|
| SEGL 451 | Introduction to Study of Language | 3 |
| SEGL 453 | Development of the English Language | 3 |
| SEGL 459 | Advanced Rhetoric and Composition | 3 |
| SEGL 483 | Theory of Literary Criticism | 3 |
| SEGL 485 | Adolescent Literature | 3 |
| | British Literature (upper-level) | 6 |
| | American Literature (upper-level) | 6 |
| | Senior Seminar in English | 3 |

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[1]This course may be used to satisfy certification requirements and may be used to satisfy general education requirements when appropriate.

[2]English education majors should pursue a B.A. degree that requires at least six hours of a foreign or ancient language.

**History** (Social Studies Certification)

European History (300 level or above).....6
SHST 111 An Introduction to Western Civilization
112 An Introduction to Non-Western Civilization.....6
U.S. History (300 level or above).....6
Non-Western History (330 level or above).....6
SGIS 564 State and Local Government.....3
SGEG 103 Introduction to Geography or SGEG 121, Principles of Regional Geography
SGEG 424 Geography of North America.....3
SSOC 101 Introductory Sociology.....3
SECO 524 Essentials of Economics.....3
Electives (Anthropology 102, Understanding Other Cultures recommended).....6

**Mathematics**

SCSC 130 Introduction to Computer Technology and Computer Science 130, BASIC Programming.....3
SMTH 141 Calculus I.....4
SMTH 142 Calculus II.....4
SMTH 241 Multivariable Calculus.....4
SMTH 531 Foundations of Geometry.....3
SMTH 543 Algebraic Structures I.....3
SMTH 544 Applied Linear Algebra.....3
Electives in mathematics to be chosen, with the consent of advisors, from the field of probability, statistics, differential equations, computer science and analysis. Other courses may be approved by joint consent of mathematics and education advisors.....9

**Psychology** (Social Studies Certification)

SPSY 101[1] Introduction to Psychology.....3
SPSY 224[1] Introduction to Experimental Psychology.....4
SPSY 225[1] Psychological Statistics.....3
Psychology courses (upper-level).....15
SHST 111 An Introduction to Western Civilization.....3
112[1] An Introduction to Non-Western Civilization.....3
United States History[1].....6
SECO 524 Essentials of Economics.....3

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[1]See footnote 1, page 97.

SANT 102 Understanding Other Cultures or
SSOC 101 Introductory Sociology.....3
SGEG 103 Introduction to Geography or
SGEG 121 Principles of Regional Geography or
SGEG 424 Geography of North America.....3

Political Science (Social Studies Certification)

SGIS 201 American National Government.....3
SGIS 301 Introduction to Political Science.....3
SGIS 310 International Politics.....3
SGIS 364 State and Local Government.....3
SHST 111[1] An Introduction to Western Civilization
112 An Introduction to Non-Western
Civilization.....6
American History (300-level or above)[1].....6
Government Electives (300-level
or above).....9
SANT 103 Understanding Other Cultures or
SSOC 101 Introductory Sociology.....3
SECO 524 Essentials of Economics.....3
SGEG 102 Introduction to Geography or
SGEG 121 Principles of Regional
Geography or SGEG 424 Geography of
North America.....3

3. Student Teaching & Senior Seminar

SEDS 473 Directed Teaching in High School.....3
(English)
SEDS 475 Directed Teaching in High School.....3
(Social Studies)
SEDS 478 Directed Teaching in High School.....3
(Mathematics)
SEDS 480 Directed Teaching in High School.....3
(Distributive Education)
SEDS 481 Directed Teaching in High School.....3
(Science)

Electives.....0-11

Total hours required.....130

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[1]See footnote 1, page 97.

## SCHOOL OF HUMANITIES AND SCIENCES

The School of Humanities and Sciences consists of three academic divisions: Fine Arts, Languages, and Literature; Science and Mathematics; and Social and Behavioral Sciences. In addition, the Bachelor of Arts and Science in Interdisciplinary Studies program is a part of the school.

## DIVISION OF FINE ARTS, LANGUAGES, AND LITERATURE

The Division of Fine Arts, Languages, and Literature in the School of Humanities and Sciences offers a Bachelor of Arts degree with a major in English. A journalism concentration is offered in the English major. Courses are offered in art, French, German, Japanese, journalism, music, Spanish, theater and speech.

Specific degree requirements for the English major include a 12-semester hour cognate. The cognate consists of upper-level courses chosen from one or more fields and is intended to support the course work in the major. All courses taken for cognate credit must be approved by the English faculty.

### Bachelor of Arts
### Major in English

General Education Courses

I. **Communication**

English 101, 102.....6
Theater 140.....3

II. **Mathematics**

Mathematics 121 (or higher).....3
Another mathematics course (above 121)
or Logic 205, 206, or 207.....3

III. **Arts and Humanities**

Fine Arts.....3
History 101, 102, 111, or 112.....3

One course selected from among the following:.....3

American literature
Art history
English literature, linguistics, or literary theory
History
Literature in a foreign language
Music history
Philosophy
Religion
Theater history
World literature

IV. Social and Behavioral Sciences

Government 201.....3
Two courses selected from among the following with two disciplines represented:.....6

Anthropology
Economics 221, 222
Geography 103
Government and International Studies
Psychology (except statistics)
Sociology (except statistics)

V. Natural Sciences

Two courses, including at least one laboratory course, to be selected from one or more of the following:.....7-8

Astronomy
Biology
Chemistry
Geography 201, 202
Geology
Physics

VI. Foreign Culture

Any foreign language course 101.....4

VII. Computer Studies.....3

This requirement may be fulfilled by one of the following three ways:

1. Computer Science 130 and 131
2. A Computer Science numbered 140 or above
3. Engineering 110

VIII. Senior Seminar: see major course requirements

Major Requirements

Major Courses

English courses at the 300-level or higher, which must include the following:

- English literature (at least one course from 400-410).....6
- American literature.....6
- Linguistics or development of the language.....3
- Comparative literature, criticism, period or genre course, or creative writing (with consent of advisor)[1].....9-18
- Senior Seminar (English 490).....3

Cognate (with approval of advisor).....12

Supporting Courses

Note: Students should be aware that some of the following support courses may require a "C" or better for graduation. Specific information may be obtained from advisors.

- Additional History course to complete History 101-102 or History 111-112 sequence.....3
- Foreign Language 102, plus 201, 202, or 205.....7
- Two courses selected from among the following.....6

| | |
|---|---|
| American literature | Music history |
| Art history | Philosophy |
| English literature | Religion |
| History | Theater history |
| Literature in a foreign language | World literature |

Electives.....8-18

Total hours required.....120

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[1]Students desiring a concentration in journalism may substitute a minimum of 12 hours of approved journalism courses.

The Division of Science and Mathematics in the School of Humanities and Sciences offers a Bachelor of Science degree in biology and Bachelor of Arts and Bachelor of Science degrees in computer science. Courses are also taught in the areas of engineering, geology, chemistry, physical science, physics, astronomy, and mathematics.

Specific degree requirements for biology majors include a 12-semester hour cognate. The cognate is intended to support the course work in the major. All courses taken for cognate credit must be approved by the faculty.

## Bachelor of Science
## Major in Biology

### General Education Requirements

**I. Communication**

English 101, 102.....6
Theater 140.....3

**II. Mathematics**

Mathematics 125, 141.....8

**III. Arts and Humanities**

Fine Arts.....3
History 101, 102, 111, or 112.....3
One course selected from among the following:.....3

- American literature
- Art history
- English literature, linguisitics, or literary theory
- History
- Literature in a foreign language
- Music history
- Philosophy
- Religion
- Theater history
- World literature

**IV. Social and Behavioral Sciences**

Government 201.....3
Two courses selected from among the following with two disciplines represented:.....6

Anthropology
Economics 221, 222
Geography
Government and International Studies
Psychology (except statistics)
Sociology (except statistics)

V. Natural Sciences

Chemistry 111, 112.....8

VI. Foreign Culture

Any foreign language course 101.....4

VII. Computer Studies.....3

This requirement may be fulfilled by one of the following three ways:

1. Computer Science 130 and 131
2. A Computer Science numbered 140 or above
3. Engineering 110

VIII. Senior Seminar: see major course requirements

Major Requirements

Major Courses

Biology 101, 102.....8
Biology (four courses at the 200- or 300-level, excluding Biology 399).....16
Biology, 500- or 600-level.....8
Senior Seminar (Biology 645).....1

Cognate (with approval of advisor)

Chemistry 231, 232.....8
An additional course (Physics 201 recommended).....4

Supporting Courses

Note: Students should be aware that some of the following support courses may require a "C" or better for graduation. Specific information may be obtained from advisors.

An additional History course.....3
Any foreign language course 102.....4

Mathematics 201.....3

Logic 207, 208, Mathematics, or Computer Science.....3

Electives (Physics 202 recommended).....12

Total hours required.....120

## Bachelor of Science
## Major in Computer Science

General Education Requirements

I. Communication

English 101, 102.....6
Theater 140.....3

II. Mathematics[1]

Mathematics 125 (or higher), Logic 207, 208.....3–4
Mathematics 141.....4

III. Arts and Humanities

Fine Arts.....3
History 101, 102, 111, 112.....3
One course selected from among the following:.....3

- American literature
- Art history
- English literature, linguistics, or literary theory
- History
- Literature in a foreign language
- Music history
- Philosophy
- Religion
- Theater history
- World literature

IV. Social and Behavioral Sciences

Government 201.....3
Courses selected from two of the following with two disciplines represented.....6

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[1]These courses require grades of "C" or better.

Anthropology
Economics 221, 222
Geography 103
Government and International Studies
Psychology (except statistics)
Sociology (except statistics)

**V. Natural Sciences**

Two courses, including at least one laboratory course, to be selected from the following:.....7–8

Astronomy
Biology
Chemistry
Geology
Physics

**VI. Foreign Culture**

One course from among the following:.....3–4

Anthropology 102
Art history
English 276, 290, 322, 423, 319
Geography 121, 212, 340
Government 310, 447, 491
History 105, 106, 112, 312, 321, 322, 357, 358, 492, 565
Sociology 305
Any foreign language (except 103)

**VII. Computer Studies**[1]

Computer Science 140.....3

**VIII. Senior Seminar:** see major course requirements

**Major Requirements**

**Major Courses**

Computer Science 240: Introduction to Algorithmic Design II.....3
Computer Science 210: Assembler Language.....3

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[1]These courses require grades of "C" or better.

One of the following three courses:.....3
Computer Science 232: COBOL Programming
Computer Science 233: FORTRAN Programming
Computer Science 234: Pascal Programming
Computer Science 310: Introduction to Computer Architecture.....3
Computer Science 320: Information Structures.....3
Computer Science 420: File Management.....3
Computer Science 511: Operating Systems.....3
Computer Science 530: Programming Language Structures....3
Computer Science 540: Advanced Program Design.....3
Computer Science courses 300-level or above.....6
Senior Seminar (Mathematics 599 or Computer Science 599).....3

Cognate (with approval of advisor).....12

Supporting Courses

Note: Students should be aware that some of the following support courses may require a "C" or better for graduation. Specific information may be obtained from advisors.

An additional History course.....3
Mathematics 142, 315, 550.....10
Any Mathematics course 241 or higher level (except 501, 502).....3

Electives.....6-9

Total hours required.....120

Bachelor of Science
Major in Computer Science
Applied Mathematics Concentration

General Education Requirements

I. Communication

English 101, 102.....6
Theater 140.....3

II. Mathematics[1]

Mathematics 125 (or higher), Logic 207, 208.....3-4
Mathematics 141.....4

---

[1]These courses require grades of "C" or better.

III. Arts and Humanities

Fine Arts.....3
History 101, 102, 111, 112.....3
One course selected from among the following:.....3

- American literature
- Art history
- English literature, linguistics, or literary theory
- History
- Literature in a foreign language
- Music history
- Philosophy
- Religion
- Theater history
- World literature

IV. Social and Behavioral Sciences

Government 201.....3
Courses selected from two of the following with two disciplines represented.....6

- Anthropology
- Economics 221, 222
- Geography 103
- Government and International Studies
- Psychology (except statistics)
- Sociology (except statistics)

V. Natural Sciences

Two courses to be selected from the following:.....7-8

- Chemistry 111, 112
- Physics 201 or higher

VI. Foreign Culture

One course from among the following:.....3-4

- Anthropology 102
- Art history
- English 276, 290, 322, 423, 319
- Geography 121, 212, 340
- Government 310, 447, 491
- History 105, 106, 112, 312, 321, 322, 357, 358, 492, 565
- Sociology 305
- Any foreign language (except 103)

VII. Computer Studies[1]

Computer Science 140.....3

VIII. Senior Seminar: see major course requirements

Major Requirements

Major Courses

Mathematics 142, 241; 242, 315, 544, 550, 560.....23
Computer Science 240: Introduction to Algorithmic Design II.....3
Computer Science 210: Assembler Language.....3
One of the following three courses:.....3
Computer Science 232: COBOL Programming
Computer Science 233: FORTRAN Programming
Computer Science 234: PASCAL Programming
Computer Science 310: Introduction to Computer Architecture.....3
Computer Science 320: Information Structures.....3
Senior Seminar (Mathematics 599 or Computer Science 599).....3

Cognate (with approval of advisor)

Four courses selected from the following:.....12

Mathematics (except 501, 502)
Computer Science (300-level or above)
Business Administration 333, 334, 371, 390, 393, 477, 490, 492, 591

Supporting Courses

Note: Students should be aware that some of the following support courses may require a "C" or better for graduation. Specific information may be obtained from advisors.

An additional History course.....3
Business Administration 225, 226.....6

Electives.....8-10

Total hours required.....120

---

[1]These courses require grades of "C" or better.

Bachelor of Arts
Major in Computer Science
Information Management Concentration

General Education Requirements

I. Communication

English 101, 102.....6
Theater 140.....3

II. Mathematics[1]

Mathematics 125 (or higher), Logic 207, 208.....3–4
Mathematics 141.....4

III. Arts and Humanities

Fine Arts.....3
History 101, 102, 111, 112.....3
One course selected from among the following:.....3

American literature
Art history
English literature, linguistics, or literary theory
History
Literature in a foreign language
Music history
Philosophy
Religion
Theater history
World literature

IV. Social and Behavioral Sciences

Government 201.....3
Economics 221.....3
One course selected from one of the following.....3

Anthropology
Economics 222
Geography 103
Government and International Studies
Psychology (except statistics)
Sociology (except statistics)

V. Natural Sciences

Two courses, including at least one laboratory course, to be selected from the following:.....7–8

---

[1]These courses require grades of "C" or better.

Astronomy
Biology
Chemistry
Geology
Physics

VI. **Foreign Culture**

Any foreign language course 101.....4

VII. **Computer Studies**[1]

Computer Science 140.....3

VIII. **Senior Seminar**: see major course requirements

**Major Requirements**

Major Courses

Computer Science 240: Introduction to Algorithmic Design.....3
Computer Science 320: Information Structures.....3
Computer Science 232: COBOL Programming.....3
Computer Science 420: File Management.....3
Computer Science 520: Database System Design.....3
Senior Seminar (Mathematics 599 or Computer Science 599).....3

Cognate (with approval of advisor)

Three additional upper-level courses in one of the following fields.....9

Business Administration
Computer Science
English

Supporting Courses

Note: Students should be aware that some of the following support courses may require a "C" or better for graduation. Specific information may be obtained from advisors.

An additional History course.....3
Business Administration 225, 226, 350, 371, 390, 393....18

---

[1]These courses require grades of "C" or better.

Upper-level English courses (except 484, 485, 526).....12
Mathematics 201.....3
Any foreign language course 102.....4

Electives.....3–5

Total hours required.....120

## DIVISION OF SOCIAL AND BEHAVIORAL SCIENCES

The Division of Social and Behavioral Sciences in the School of Humanities and Sciences offers the Bachelor of Arts degree in history, political science, and psychology. The Bachelor of Science degree is awarded in criminal justice and psychology. Courses are also offered in the areas of geography, philosophy, and public administration.

Specific degree requirements include a 12-semester hour cognate. The cognate consists of upper-level courses chosen from one or more fields and is intended to support the course work in the major. In addition to a "C" grade in all major courses, a "C" or better must be earned in each cognate course. All courses taken for cognate credit must be approved by the faculty in the major area.

The following are specific requirements for the baccalaureate degrees in criminal justice, history, political science, and psychology.

### Bachelor of Science
### Major in Criminal Justice

Before admission to the USCS criminal justice program, students must complete an 18 hour core of criminal justice course work. As this core is part of most associate degree criminal justice programs, USCS criminal justice majors typically have obtained an associate degree before seeking admission to USCS's program. Transfer credit is given for all associate degree courses that fulfill the general education requirements. Careful planning, cooperation, and advisement enables students to pursue work at any two-year accredited criminal justice program without losing any credit in transferring to USCS.

1. **General Education Requirements**

Group I
English 101, 102.....6

Group II
One course in mathematics or statistics.....3
Logic 205, 207, or 208, or Computer Science 130 and 131.....3

Group III
Philosophy 211 (Philosophy 211, 310, or 311 may be substituted).....3

One course from the following fields: literature, theater and speech, music, art history, foreign languages.....3

Group IV
Government 201.....3
Psychology 101.....3
Sociology 101.....3
Two courses at the 100 or 200-level from the following fields: economics, geography, government and international studies, history, psychology, sociology, theater, and speech.....6

Group V
Two courses selected from one of the following fields: astronomy, biology, chemistry, geology, or physics.....6-8

39-41

2. **Associate Degree Criminal Justice Core**

The associate degree core includes the following:

Introduction to Criminal Justice
Criminal Law
Criminology
Police Administration and Organization
Criminal Evidence and Procedures
Introduction to Probation, Parole, and Corrections

Students may transfer up to 9-semester hours (13.5-quarter hours) of additional criminal justice courses to be used for elective credit taken at associate degree granting institutions.

3. **Major Requirements**

A. Upper-level criminal justice courses, which must include Criminal Justice 342, 351, and 581.....15

B. Five upper-level courses from the following: Government, psychology, or sociology, as approved by the student's advisor.....15

4. **Cognates**

Cognate I.....12
Cognate II (may include upper-level criminal justice courses).....9

5. Electives.....12

Total hours required.....120-122

Bachelor of Arts
Major in History

General Education Courses

I. Communication

English 101, 102.....6
Theater 140.....3

II. Mathematics

Mathematics 121 (or higher).....3
One course selected from a higher level mathematics course, logic or statistics.....3

III. Arts and Humanities[1]

Fine Arts.....3
History 101, 102, 111, 112.....3
One course selected from among the following:.....3

American literature
Art history
English literature, linguistics, or literary theory
History
Literature in a foreign language
Music history
Philosophy
Religion
Theater history
World literature

IV. Social and Behavioral Sciences

Government 201.....3
Courses from two of the following, with two disciplines represented.....6

Anthropology
Economics 221, 222
Geography 103
Government and International Studies
Psychology (except statistics)
Sociology (except statistics)

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[1]Students are encouraged to select courses fulfilling Group III from those outside their major area of study.

V. **Natural Sciences**

Two courses, including at least one laboratory course, to be selected from one or more of the following:.....7-8

Astronomy
Biology
Chemistry
Geography 201, 202
Geology
Physics

VI. **Foreign Culture**

Any of the following:.....3

Anthropology 102
Art
English 276, 290, 322, 423, 319
Geography 121, 212, 340
Government 310, 447, 491
History 105, 106, 112, 312, 321, 322, 357, 358, 492, 565
Sociology 305

VII. **Computer Studies**.....3

This requirement may be fulfilled by one of the following three ways:

1. Computer Science 130 and 131
2. A Computer Science numbered 140 or above
3. Engineering 110

VIII. **Senior Seminar**: see major course requirements

**Major Requirements**

**Major courses**

History courses at 300-level or higher.....21
Senior Seminar (History 500, prerequisites: students must have 12 hours of 300-level or above history courses).....3

Cognate.....12

Supporting Courses

Note: Students should be aware that some of the following support courses may require a "C" or better for graduation. Specific information may be obtained from advisors.

Any foreign language course 101, 102.....8
An additional foreign language course 201, 202, 205.....3
An additional 100-level history course.....3
Two courses selected from the following:.....6

American literature
Art history
English literature, linguistics, or literary theory
History
Language in a foreign language
Music history
Philosophy
Religion
Theater history
World literature

Electives.....14–18

Total hours required.....120

Bachelor of Arts
Major in Political Science

General Education Courses

I. Communication

English 101, 102.....6
Theater 140.....3

II. Mathematics

Mathematics 121 (or higher).....3
Logic 205, 206, or 207.....3

III. Arts and Humanities

Fine Arts History.....3
History 101, 102, 111, 112.....3
One course selected from among the following:.....3

American literature
Art history
English literature, linguistics, or literary theory
History
Literature in a foreign language
Music history
Philosophy
Theater history
Religion
World literature

IV. **Social and Behavioral Sciences**

Government 201.....3
Economics 221.....3
One course selected from among the following:.....3

Anthropology
Economics 222
Geography 103
Psychology (except statistics)
Sociology (except statistics)

V. **Natural Sciences**

Two courses, including at least one laboratory course, to be selected from one or more of the following:.....7-8

Astronomy
Biology
Chemistry
Geology
Geography 201, 202
Physics

VI. **Foreign Culture**

Any of the following:.....3

Anthropology 102
Art history
English 276, 290, 322, 423, 319
Geography 121, 212, 340
Government 310, 447, 491
History 105, 106, 112, 312, 321, 322, 357, 358, 492, 565
Sociology 305
Any foreign language course 201 or higher

VII. **Computer Studies**.....3

This requirement may be fulfilled by one of the following three ways:

1. Computer Science 130 and 131
2. A Computer Science numbered 140 or above
3. Engineering 110

VIII. **Senior Seminar**: see major course requirements

**Major Courses**

**1. Government Concentration**

**Major Courses**

Government 301.....3
Government 310.....3
Other Government courses at 300-level or above.....21
Senior Seminar (Government 500, prerequisites: Government 201, 301, and 12 hours of additional Government courses at the 300-level or above).....3

**Cognate Requirements**.....12

**Supporting Courses**

Note: Students should be aware that some of the following support courses may require a "C" or better for graduation. Specific information may be obtained from advisors.

Psychology Statistics 225.....3
An additional 100-level History course.....3
Two courses selected from among the following:.....6

American literature
Art history
English literature, linguistics, or literary theory
History
Literature in a foreign language
Music history
Philosophy
Religion
Theater history
World literature

Any foreign language course 101, 102.....8

**Electives**.....11-12

**Total hours required**.....120

2. Public Administration Concentration

Major Courses

Government 301: Introduction to Political Science.....3
Government 370: Introduction to Public Administration..3
Government 374: Introduction to Public Policy.....3
Government 364: State and Local Government.....3
Government 571: Public Financial Administration.....3
Government 572: Public Personnel Management.....3
Other Government courses at 300-level or above.....6
Senior Seminar (Government 500, prerequisites: Government 201, 301, and 12 hours of additional Government courses at the 300-level or above).....3

Cognate Requirements.....12

Supporting Courses

Note: Students should be aware that some of the following support courses may require a "C" or better for graduation. Specific information may be obtained from advisors.

Psychology Statistics 225.....3
An additional 100-level History course.....3
Two courses selected from among the following:.....6

American literature
Art history
English literature, linguistics, or literary theory
History
Literature in a foreign language
Music history
Philosophy
Religion
Theater history
World literature

Any foreign language course 101, 102.....8

Electives.....9–10

Total hours required.....120

Bachelor of Arts and Bachelor of Science
Major in Psychology

General Education Courses

I. Communication

English 101, 102.....6
Theater 140.....3

II. **Mathematics**

Mathematics 121 (or higher).....3
One course selected from a higher level mathematics course, logic or statistics[1].....3

III. **Arts and Humanities**

Fine Arts History.....3
History 101, 102, 111, 112.....3
One course selected from among the following:.....3

American literature
Art history
English literature, linguistics, or literary theory
History
Literature in a foreign language
Music history
Philosophy
Religion
Theater history
World history

IV. **Social and Behavioral Sciences**[2]

Government 201.....3
Courses from two of the following, with two disciplines represented:.....6

Anthropology
Economics 221, 222
Geography
Government and International Studies
Psychology (except Psychology 101 and statistics)
Sociology (except statistics)

V. **Natural Sciences**

Two courses, including at least one laboratory course, to be selected from one or more of the following:.....7-8

Astronomy
Biology
Chemistry
Geography 201, 202
Geology
Physics

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[1]Psychology 225 may be used to satisfy this requirement.

[2]Students are encouraged to select courses fulfilling Group IV requirements from those outside psychology.

VI. **Foreign Culture**

History 105, 106, 112.....3

VII. **Computer Studies**.....3

This requirement may be fulfilled by one of the following three ways:

1. Computer Science 130 and 131
2. A Computer Science numbered 140 or above
3. Engineering 110

VIII. **Senior Seminar**: see major course requirements

**Bachelor of Arts Degree Option:**

Two courses selected from the following.....6

American literature
Art history
English literature, linguistics, or literary theory
History
Literature in a foreign language
Music literature
Philosophy
Religion
Theater history
World literature

**Bachelor of Science Degree Option:**

Two courses from Mathematics 122 or higher, Computer Science 140 or higher, logic, or the natural sciences. Courses must be approved by advisor.....6

**Major Requirements**

**Major Courses**

Psychology 101, 224, 225.....10

Psychology courses at the 300-level or above to be distributed as follows.....25

1. At least three of the following:.....9

Psychology 302: Developmental Psychology
Psychology 303: Psychology of Learning & Memory
Psychology 307: Social Psychology
Psychology 308: Physiological Psychology
Psychology 309: Psychology of Personality

Psychology 310: Abnormal Psychology
Psychology 311: Industrial and Organizational Psychology

2. Elective psychology courses (Psychology 402, Experimental Topics in Psychology is recommended).....13

3. Senior Seminar: one psychology course at the 500-level.....3

Cognate.....12

Supporting Courses

Note: Students should be aware that some of the following support courses may be require a "C" or better for graduation. Specific information may be obtained from advisors.

Foreign Language 101, 102.....8

Electives.....12-13

Total hours required.....120

## Bachelor of Arts and Bachelor of Science Major in Sociology

The B.A. and B.S. degrees in sociology are offered by the Columbia campus of the University in cooperation with USCS. Degree requirements are specified by the Columbia campus faculty. As USCS cannot guarantee that all required sociology courses will be offered on the USCS campus, students majoring in sociology may have to enroll in courses on the Columbia campus in order to fulfill specific requirements.

To declare a sociology major students must submit a Change of Major Form to the Columbia Department of Sociology. Students will graduate under the USC catalog in force at the time their major is declared. During their next to last semster, USCS students majoring in sociology must submit a Major Card to the Chair of the Columbia Department of Sociology. During their final semester, these students must complete a Senior Check at the Office of the Dean for the College of Humanities and Social Sciences on the Columbia campus.

## Degree Requirements for B.A. or B.S. in Sociology

| General Education Requirements | B.A. | B.S. |
|---|---|---|
| **Group I** | | |
| English 101, 102 | 6 | 6 |
| Foreign Langauge | 8 | 8 |
| History 101 or 102 and second History chosen from 101, 102, 105, 106 and 110 | 6 | 6 |
| Mathematics and/or Statistics (except SMTH 100, 119, 501, 502, 201, SPSY 225, SSOC 220 and SECO 291) | 0 | 6 |
| **Group II** | | |
| Mathematics 121; Computer Science 130/131 or Computer Science 140 or above | 6 | 6 |
| **Group III** | | |
| English (above 245), fine arts history (Art, Music, Theatre), foreign languages/ literature (201 and higher), history (201 and higher), philosophy | 12 | 6 |
| **Group IV** | | |
| Government 201 and additional coursework from Anthropology, economics, geography, government, and international studies, psychology, sociology | 9 | 6 |
| **Group V** | | |
| Two courses (one of which must have a laboratory) selected from the following fields: astronomy, biology, chemistry, geology, physics | 7-8 | 7-8 |
| General Education Total | 53-54 | 53-54 |

**Major Requirements** (SSOC 101 is required and can be used to fulfill General Education Requirements. For the B.S. degree SMTH 121, 122 and a finite mathematics course must be completed as part of the General Education Requirements. SSOC 220 or SPSY 225 or SECO 291 or SMTH 201 must be taken as an elective.)

| | | |
|---|---|---|
| SSOC 300, 310, 320 | 9 | 9 |
| Two 500-level sociology courses | 6 | 6 |
| Four additional sociology courses above 300 | 12 | 12 |
| Cognates | 12 | 12 |
| Electives[1] (STHE 140 must be taken as an elective.) | 27-28 | 27-28 |
| Total hours | 120 | 120 |

[1]May not include remedial, developmental or skills courses. Only 4 hours credit for participation in band, orchestra or chorus may be counted.

## INTERDISCIPLINARY STUDIES

### Bachelor of Arts and Bachelor of Science

The Bachelor of Arts and Bachelor of Science in Interdisciplinary Studies Program provides an opportunity for students to design their own curriculum. It is a unique program that can be structured to meet individual goals and needs. The program conforms to all general university academic regulations.

The interdisciplinary studies program permits students to apply credits earned through independent study toward the degree. Students may also be permitted to apply up to 30-semester hours earned in correspondence courses, the United States Armed Forces Institute, selected college level examination programs, and off-campus extension classes in partial fulfillment of the degree.

### Admission

Application to the program is made after acceptance to the university and after the successful completion (2.0 GPR or higher) of 60-semester hours. A student currently attending USCS who has accumulated more than 60-semester hours must have a Change of Major form signed by the dean of the school in which the student is enrolled before the applications for the interdisciplinary studies program is considered. These forms are available in the offices of all school deans. The student then completes an Interdisciplinary Studies Application. The application is obtained from the Interdisciplinary Studies Office.

Transfer students with 60 or more semester hours may apply to the program at the same time they apply for admission to the university. For further information on acceptable credit, see the section "Transfer Credit" in this catalog. Admission to the university must be obtained before admission to the interdisciplinary studies program can be completed.

The application must include a statement describing how the interdisciplinary studies program meets the student's particular interests and goals and why the student chose this program. The application is returned to the Director of Interdisciplinary Studies. The completed application should be received before students reach the second semester of their junior year. Applications for summer and fall semesters should be received in the interdisciplinary studies office by March 1; applications for the spring semester should be received by October 1. Students who fail to meet these deadlines may be required to take additional semester hours.

If the application is approved, the Director of Interdisciplinary Studies assigns the student an advisor from the student's proposed area of concentration. The advisor and the student develop a program of study to meet the student's objectives. This curriculum must be approved by the Dean of

Humanities and Sciences. Students take a minimum of 15-semester hours at USCS in their approved concentration area.

Since a minimum of 30-semester hours must normally be completed after the interdisciplinary studies program is approved, the program of study must be approved before students reach senior status. Each semester students are advised by their advisors prior to registration in the normal registration procedure. Advisors must approve all addendums to the students' programs of study.

Course work completed prior to acceptance into the interdisciplinary studies program is not automatically accepted as part of a degree program. Such work is re-evaluated to determine if it is applicable to the student's program. Students enrolling in the interdisciplinary studies program after accumulating 75 or more semester hours can expect to take more than 120-semester hours in order to complete an approved interdisciplinary studies program.

## Bachelor of Arts and Bachelor of Science Interdisciplinary Studies

### General Education Requirements[1]

**I. Communication**

English 101, 102.....6
Theater 140.....3

**II. Mathematics**

Mathematics 121 (or higher).....3

One course selected from a higher level mathematics course, logic, or statistics.....3

**III. Arts and Humanities**

Fine arts.....3
History 101, 102, 111, or 112.....3
One course selected from the following:.....3

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[1]Upon approval of the advisor, a course may be used to satisfy simultaneously the general education requirements and the concentration area requirements.

American literature
Art history
English literature, linguistics, or literary theory
History
Literature in a foreign language
Music history
Philosophy
Religion
Theater history
World literature

IV. Social and Behavioral Sciences

Government 201.....3
Courses from two of the following, with two disciplines represented:.....6

Anthropology
Economics 221, 222
Geography 103
Government and International Studies
Psychology (except statistics)
Sociology (except statistics)

V. Natural Science

Two courses, including at least one laboratory course, to be selected from one or more of the following:.....7-8

Astronomy
Biology
Chemistry
Geography 201, 202
Geology
Physics

VI. Foreign Culture

A course of an international nature. The following courses satisfy the foreign culture requirement:.....3-4

Anthropology 101
Art
English 276, 290, 322, 423, 319
Geography 121, 212, 340
Government and International Studies 310, 447, 491 (Great Decisions)
History 105, 106, 112, 312, 321, 322, 357, 358, 492, 565
Sociology 305
Any foreign language course except 103

VII. Computer Studies.....3

This requirement may be fulfilled by one of the following three ways:

1. Computer Science 130 and 131
2. A Computer Science numbered 140 or above
3. Engineering 110

VIII. **Senior Seminar:** see concentration area requirements

General education hours required.....46-48

**General Education Grade Requirements**

A minimum grade of "C" is required in each of the following courses (or their equivalents):

| | |
|---|---|
| English 101 and 102 | 6 |
| Arts and humanities | 3 |
| Mathematics, logic, statistics, natural science, or computer science | 6 |
| Social and Behavioral Sciences | 6 |
| Senior Seminar | 1 |
| | 22 |

**Bachelor of Arts and Bachelor of Science Degree Requirements**

These courses are in addition to the 46-48 hours of general education requirements, but may also be counted toward concentration area courses. A minimum grade of "C" is required in each course.

**Bachelor of Arts Degree Option:** 6 to 8 hours to be selected either from courses in arts and humanities or social and behavioral sciences, or both.

**Bachelor of Science Degree Option:** 6 to 8 hours to be selected from courses in biological and physical sciences, mathematics beyond mathematics 121, logic, statistics, or computer science.

**Program Area Requirements for Graduation**

1. At least 30-semester hours must be taken in upper-level courses (or 300-level or above) at USCS (see section on "Upper-Level Courses" in this Catalog).

2. Not more than 30-semester hours of upper-level work may be taken in the same discipline.

3. Not more than 30-semester hours of combined upper and lower-level work (including transfer work) may be taken in business and economics (excluding Economics 221 and 222).

4. A minimum of 120-semester hours (including hours meeting the general education requirements, course grade requirements, and concentration area requirements outlined below) must be completed with an overall GPR of 2.0 or better on all course work completed at USCS.

**Concentration Area Courses**

1. Students, in consultation with their advisors, must select courses in subject areas relating to their goals and objectives. A minimum grade of "C" is required in each concentration course. At least 15 hours of upper-level course work must be designated in the concentration area and must be taken at USCS.....15-30

2. Students, in consultation with their advisors, select an approved senior seminar of 1 or more semester hours in their concentration, an allied area, or the humanities from a list of approved seminars (see also section on "Senior Seminar" in this catalog).....1

**Supporting Area Courses**

Supporting course work includes all previous credit and transfer credit not applied toward the general education or concentration area requirements. Students, in consultation with their advisors, are encouraged to select course work that supports their concentration.....33-52

Total hours required.....120

# MARY BLACK SCHOOL OF NURSING

## General Information

On July 1, 1980, the USCS School of Nursing was officially named the Mary Black School of Nursing. This step was taken to honor the many contributions of the Black family to medicine and nursing in upstate South Carolina and to show appreciation for the generosity of Mrs. Mary Black Phillips and the late Miss Rosa Black, whose donations played a key role in securing the funds for a new building to house the school. The School of Nursing provides the people of the Piedmont area with registered nurses of high technical and professional competence.

The School of Nursing offers an associate of science in technical nursing and a baccalaureate degree in professional nursing for registered nurses. Both programs are approved by the State Board of Nursing and accredited by the National League for Nursing. Effective in the fall 1986 term, the School will expand its baccalaureate degree in professional nursing program to admit students who have had no nursing education.

The program leading to an associate of science in technical nursing degree is two years in length and includes liberal arts and science courses as well as nursing preparation. The program for registered nurses leading to a Bachelor of Science in Nursing degree offers junior and senior level courses in nursing, liberal arts, and sciences. The expanded baccalaureate program is four years in length and includes a broad liberal arts and science foundation in addition to nursing courses.

## Transfers

In addition to the general requirements for admission to either the associate of science in technical nursing program or the bachelor of science in professional nursing program, transfer students from within the University of South Carolina System must submit a "Change of School" form and copies of transcripts. Transfer students from schools outside the USC System must also meet all requirements for transfer as a student to USCS. Transfer students may be required to take advanced placement examinations if the content of previous nursing courses is in question.

An official college transcript must be on file with the School of Nursing before transfer credit can be evaluated. Transfer credit is evaluated by the Dean of the Mary Black School of Nursing.

## Student Classification

**Regular Students.** These students are admitted to a nursing program and they are currently enrolled in nursing courses.

**Pre-Nursing Students.** These students have been admitted to the university and are taking the required non-nursing courses and/or SNUR 310 and SNUR 390 (in the baccalaureate nursing program) prior to applying for admission to a nursing program.

**Out of Sequence Students.** Nursing students who remain enrolled in USCS but who are no longer enrolled as regular nursing students (because of, for example, academic failure or withdrawal from nursing) are classified as out of sequence with the regular nursing courses. To enroll again in nursing, these students must meet the School of Nursing admission criteria, reapply for admission, and submit a new physical examination on the School of Nursing form.

## Advisement

Pre-nursing students and students accepted into a Nursing Program must be advised by the School of Nursing student advisor prior to beginning their program of study. Students currently enrolled in a program are advised by a School of Nursing faculty advisor prior to registration. It is the responsibility of students to stay in touch with their advisor through regular advisement sessions.

## Withdrawal Policy

Students who are enrolled in the School of Nursing and who wish to withdraw officially are required first to see their nursing advisor for an exit interview. After this, students follow the withdrawal policy for the university as described in the catalog.

## Associate in Science Degree in Technical Nursing

The Associate in Science in Technical Nursing curriculum is a concentrated two-year program designed for men and women beginning a career in nursing. Since the Associate Degree nurse draws on a broad base of knowledge, the curriculum includes both nursing courses and courses from the humanities and the natural and behavioral sciences. The nursing courses contain both a theoretical and clinical component. The classroom experience involves lecture, discussion, and demonstration. Students must demonstrate the knowledge gained in these courses in their performance in the clinical area. The clinical experience is

supervised and evaluated as a vital part of the learning process. Major emphasis is placed on the satisfactory performance of skills including drug computation. This means students must be competent in arithmetic.

All policies related to admission and continuance are developed by the nursing faculty.

## Admission Requirements

A nursing class is admitted once a year in the fall semester. Applicants should submit their applications to the Mary Black School of Nursing Associate Degree Program by April 1. The admissions committee of the associate degree program in nursing reviews the records of each applicant. Admission to the program is competitive. Therefore, the admissions committee reserves the right to select the most qualified students. Admission to the program is based on the following criteria as it applies to each applicant.

To be admitted to the Associate Degree in Technical Nursing Program, students must meet the following requirements:

1. Applicants must be admitted as regular students to the University of South Carolina at Spartanburg.
2. Applicants under age 22 must have minimum S.A.T. scores of 350 for the verbal and 350 for the mathematics portions of the test.
3. Applicants with previous college work must have a cumulative GPR of at least 2.0 on 12-semester hours of college credit, with a grade of "C" or better on all required nursing and science courses.
4. All applicants must complete an application for for the Associate of Science in Technical Nursing Program.
5. All students must submit a complete, acceptable, physical examination on the School of Nursing form.
6. All applicants who apply for admission to the associate degree program are required to take the Nelson-Denny Reading Test. Applicants meeting all other admission criteria and who earn a score which places them at the 50th percentile or above on the test are considered for admission as a regular student. Applicants meeting all other admission requirements and who have a percentile of 25-49 are required to have further testing and to take General Studies 121 or 122 if the their score remains below the 50th percentile. Students who have a score of 25 or below on the reading test must take General Studies 121 and be re-tested to determine eligibility for admission.

## Provisional Students

These students require remedial instruction and therefore must show evidence of acceptable academic performance. To demonstrate acceptable academic performance, students must complete 12 hours of prescribed non-nursing courses and have a minimum cumulative GPR of 2.0. Once these requirements have been met, they may reapply to the nursing sequence.

## Academic Requirements

1. Nursing courses must be taken in sequence. A passing grade of "C" in theory and a satisfactory evaluation in clinical performance must be obtained in a nursing course before students can enroll in the next nursing course.

   a. Biology 232 (anatomy) must be taken before or during the fall semester of the freshman year. A passing grade of "C" must be obtained in the course before the student may enroll in the next nursing course.

   b. Biology 242 (physiology) must be taken before or during the spring semester of the freshman year. A passing grade of "C" must be obtained in the course before the student may enroll in the next nursing course.

   c. Biology 330 (microbiology) must be taken before or during the fall semester of the sophomore year. A passing grade of "C" must be obtained in the course before the student may enroll in in the next nursing course.

2. Psychology 101 must be taken before Psychology 302. Psychology 302 must be completed by the end of the fall semester of the sophomore year in nursing.
3. English 101 and 102 must be completed by the fall semester of the sophomore year in nursing.
4. Nursing students cannot repeat a science course more than once.

## Special Requirements

1. Nursing students who are in the clinical area must wear the Associate of Science in Technical Nursing uniform and must adhere to the hospital's dress code.
2. Nursing students who are in the clinical area must have liability insurance.
3. Students are required to provide their own transportation to and from the health agencies and the USCS campus.

4. Students who have more than a twelve month absence since successful completion of a nursing course must take a placement test to determine the level of entry into the program. Students who have a thirty-six month absence since successful completion of a nursing course must repeat the entire nursing program sequence.

5. Students must confer with nursing faculty advisors before dropping a course or withdrawing from the program.

6. Students are allowed only one readmission to the program after the initial acceptance.

7. National League for Nursing achievement tests are administered throughout the program. Students pay a fee for these tests.

## Continuation Standards

For students to enroll in the sophomore level nursing courses, the following are required:

1. Students must have completed freshman level nursing courses and the required science courses with a minimum grade of "C" and a minimum cumulative GPR of 2.0.
2. Students must have an acceptable physical examination form on file prior to entering the sophomore year.
3. Students must renew liability insurance coverage.
4. Additional costs incurred before graduation are the graduate nurse pin and fee for the application for the State Board Examination.

## Advanced Credit by Examination

Validation examinations for Nursing 131 and Nursing 133 are administered by the School of Nursing at specific times. Arrangements must be made with the School of Nursing for this test.

1. Licensed Practical Nurses must:

   a. Be accepted to USCS and the Associate Degree in Technical Nursing Program
   b. Show current L.P.N. licensure to the Director of the Associate Degree in Technical Nursing Program
   c. Pay validation examination fee and bring receipt on the day arranged by the nursing faculty
   d. Pass the examination with a grade of "B" or better to qualify for validation credit

2. Medical Corpsmen must:

a. Present proof of completed formal medical armed service training program

b. Be accepted to USCS and to the Associate Degree in Technical Nursing Program

c. Pay validation examination fee and bring receipt on the day arranged by the the nursing faculty

d. Pass the examination with a grade of "B" or better to qualify for validation credit.

## Registered Nurse State Board Examination

An Associate in Science in Technical Nursing degree is awarded when students complete the curriculum requirements with a minimum cumulative grade point ratio of 2.0 and a passing grade of "C" or better in nursing and science courses. The graduates are eligible to file applications for the registered nurse state board examination.

## Housing

On-campus housing is available at The Rifle Ridge Apartments. For more information, see the section on "Student Housing" in this catalog.

### Associate of Science in Technical Nursing

Freshman year--Fall

| | | |
|---|---|---|
| Nursing 131: | Fundamentals of Nursing | 6 |
| Biology 232: | Anatomy | 4 |
| English 101: | Composition | 3 |
| Psychology 101: | Elementary Psychology | 3 |

Freshman year--Spring

| | | |
|---|---|---|
| Nursing 133: | Nursing in Health Maintenance, Family Development | 8 |
| Biology 242: | Physiology | 4 |
| English 102: | Composition & Literature | 3 |

Summer Session

| | | |
|---|---|---|
| Nursing 134: | Introduction to Physical and Mental Illness | 3 |

Sophomore year--Fall

| | | |
|---|---|---|
| Nursing 231: | Nursing in Physical and Mental Illness I | 9 |
| Biology 330: | Microbiology | 4 |
| Psychology 302: | Developmental Psychology | 3 |

Sophomore year--Spring

| | | |
|---|---|---|
| Nursing 232: | Nursing in Physical and Mental Illness II | 9 |
| Nursing 234: | Nursing Seminar | 3 |
| Sociology 101: | Introductory Sociology or Anthropology | 3 |

Total Semester Hours.....65

## Bachelor of Science in Professional Nursing Program

The professional program leading to the Bachelor of Science in Nursing degree offers two tracks of study: (1) the four-year track for students who wish to begin a career in professional nursing, and (2) the upper division Registered Nurse Completion track for graduates of associate degree and diploma programs in nursing.

The program of study is designed to provide students the opportunity to acquire knowledge and skill needed for effective professional nursing practice in a wide variety of settings, and to provide a broad educational foundation that serves as a basis for graduate study in nursing.

### Admissions Requirements

Applications for admission to the baccalaureate nursing program should be submitted by April 1. Students desiring to enter the four-year track should apply for admission during the spring semester of their freshman year. Students desiring to enter the Registered Nurse Completion track should apply the spring semester prior to the semester they wish to begin junior level nursing courses.

Students wishing to transfer to the baccalaureate nursing program from other institutions must have their transcripts evaluated to determine whether or not their courses are comparable to USCS courses and applicable to the program of study.

The admission requirements for the Bachelor of Science in Nursing degree are set by the nursing faculty. The program's Admission Committee reviews all applications and selects the most qualified students. Admission requirements are found under the section "Bachelor of Science in Nursing Four-Year Track" and under the section "Bachelor of Science in Nursing Registered Nurse Completion Track."

## Probationary Policy

Students with a cumulative GPR of less than 2.3 but meeting all other admission requirements are considered by the baccalaureate admissions committee for admission to the program under probationary status.

In order to be removed from probationary status, students must obtain a minimum grade of "C" in each course constituting the first 15-semester hours in the baccalaureate nursing curriculum at USCS. If this requirement is not met, students must withdraw from the program.

## Readmission Policy

Students who interrupt the sequence of nursing courses are required to reapply to the School of Nursing Bachelor of Science in Nursing Program. Students must reapply if they earn less than a "C" in a nursing or required science course, or if they withdraw from the university for one fall or spring semester, or longer.

Students must complete a new Bachelor of Science in Nursing Program application form and submit a new School of Nursing physical examination form. Students who apply for readmission must meet the admission criteria for the Bachelor of Science in Nursing Program.

## Special Requirements

1. Unless otherwise stated, students are required to wear the official baccalaureate uniform while in the clinical area.
2. Students must provide their own transportation to and from the health agencies and the USCS campus.
3. Students must maintain professional liability insurance.

## Advanced Credit by Examination

Junior and senior level courses cannot be validated by the College Level Examination Program (CLEP).

1. CLEP Credit:

    a. Following general university policy, CLEP examinations may be taken to obtain up to 30 hours of credit.

    b. CLEP examinations are not acceptable for physiology, anatomy, chemistry, or microbiology (see "Credit by Examination," in this catalog).

c. Further information on CLEP credit may be obtained from the Counseling and Career Development Center.

2. Credit by Examination

a. Students may obtain credit for physiology, anatomy, microbiology, chemistry, and other courses by examination.

b. Students admitted to the Registered Nurse Completion track may obtain credit for four of the junior level nursing courses and their corequisite practica by successfully completing the required theory and clinical performance examinations. Validation examinations are offered for Nursing 310, 310L, 321, 321L, 331, 331L, 361, and 361L.

c. For further information refer to the section "Institutional Credit by Examination," in this catalog.

Continuation Standards

1. Nursing courses must be taken in sequence.
2. A grade of "C" or better must be obtained in nursing, concurrent nursing laboratory practicum, and required science courses in order to progress in the program. Students may repeat a nursing course, nursing laboratory practicum and required science course only once. Both course and practicum must be completed with a minimum grade of "C" in order to progress in the program.
3. Non-nursing courses may be taken prior to, or concurrent with, the designated nursing courses.
4. The required nursing courses must be completed in four years.
5. In keeping with university policy, a GPR of 2.0 is required for graduation.

## Bachelor of Science in Nursing
## Four-Year Track

This program of study is designed for qualified high school graduates or transfer students who wish to begin a career in professional nursing. Upon graduation, students will be eligible to apply to write the State Board Examination for licensure as a Registered Nurse.

## Admission Requirements

1. All applicants must be admitted as regular students to the University of South Carolina at Spartanburg.
2. All entering freshmen must have a minimum S.A.T. score total of 700 (350 Mathematics and 350 Verbal). S.A.T. scores are not required for students 22 years of age or older.
3. Transfer students and rising sophomores must have a cumulative GPR of 2.3 (based on a 4.0 scale) in all academic courses. A minimum grade of "C" must be obtained in all required science courses.
4. All applicants must earn a score which places them at the 50th percentile or above on the Nelson-Denny Reading Test.
5. All applicants must complete an application form for the Bachelor of Science Degree in Nursing Program and must submit a complete School of Nursing physical examination form by April 1st before the fall semester in which admission is desired.
6. All applicants must have completed the freshman year curriculum requirements before final acceptance into the program will be granted.

## General Education Requirements

### I. Communication

English 101, 102.....6
Theater 140.....3

### II. Mathematics

Mathematics 121.....3
Mathematics 201 or Psychological Statistics 225.....3

### III. Arts and Humanities

Fine Arts.....3
History 101, 102, 111 or 112.....3
One course selected from among the following:.....3

- American Literature
- Art History
- English Literature, linguistics, or literary theory
- History
- Literature in a foreign language
- Music History
- Philosophy
- Religion
- Theater History
- World Literature

IV. Social and Behavioral Sciences

Government 201.....3
Psychology 101.....3
Sociology 101.....3

V. Natural Science

Chemistry 101.....4
Chemistry 102.....4

VI. Foreign Culture

Sociology 305.....3

VII. Computer Studies

Computer Science 130.....2
One course selected from Computer Science 131-136.....1

VIII. Senior Seminar

A course or combination of courses (1 or more credit hours) selected in consultation with the student's major advisor .....2

49

Major Courses

SBSN 201: Normal Nutrition.....2
SBSN 202: Pharmacology.....2
SBSN 221: Concepts of Professional Nursing.....2
SBSN 241: Strategies for Nursing Action I.....3
SBSN 241L: Strategies for Nursing Action I Practicum.....2
SBSN 290: Seminar in Self Perception.....2
SBSN 310: Nursing Appraisal.....1
SBSN 310L: Nursing Appraisal Practicum.....1
SBSN 331: Strategies for Nursing Action II.....3
SBSN 331L: Strategies for Nursing Action II Practicum.....4
SBSN 341: Strategies for Nursing Action III.....3
SBSN 341L: Strategies for Nursing Action III Practicum.....4
SBSN 431: Strategies for Nursing Action IV.....2
SBSN 431L: Strategies for Nursing Action IV Practicum.....2
SBSN 441: Dynamics of Psychiatric Community Mental Health Nursing.....3
SBSN 441L: Dynamics of Psychiatric Community Mental Health Nursing Practicum..... 4
SBSN 450: Leadership in Nursing Practice.....3
SBSN 461: Dynamics of Family and Community Health Nursing.....3

SBSN 461L: Dynamics of Family and Community Health Nursing Practicum.....4
SBSN 490: Nursing Practice--Search and Research.....3
One theoretical course and corresponding laboratory practicum selected from the following:.....3

Nursing 495: Health Care for the Hospitalized Person.....1
Nursing 495L: Health Care for the Hospitalized Person Practicum.....2
Nursing 496: Health Care for the Industrial Worker.....1
Nursing 496L: Health Care for the Industrial Worker Practicum.....2
Nursing 497: Health Care for the Older Person.....1
Nursing 497L: Health Care for the Older Person Practicum.....2
Nursing 498: Health Care for the School Population.....1
Nursing 498L: Health Care for the School Population Practicum.....2

Supporting Courses

Note: Some of the following courses may require a grade of "C" or better. For further information, students should consult their advisor.

Psychology 302.....3
Biology 232, 242, 330, 370.....15

18

Elective Hours[1].....6

Total hours required.....129

[1]Electives are any credit course at the 101-level or above course taught on this campus, or any course other than a required course, transferred with acceptable credit. General Studies courses, University courses, and 100-level courses are not acceptable as electives.

## Recommended Curriculum for Bachelor of Science in Nursing Four-Year Track

Freshman year--Fall
- English 101....3
- Psychology 101....3
- History 101, 102, 111 or 112....3
- Chemistry 101....4
- Mathematics 121....3

Freshman year--Spring
- English 102....3
- Sociology 101....3
- One course selected from the Fine Arts....3
- Chemistry 102....4
- Computer Science 130....2
- One course selected from Computer Science 131-137..1

Sophomore year-Fall
- Biology 232....4
- Theater 140....3
- Government 201....3
- Nursing 201....2
- Nursing 202....2
- Nursing 221....2

Sophomore year--Spring
- Biology 242....4
- Psychology 302....3
- One course selected from the Fine Arts and Humanities....3
- Nursing 241....3
- Nursing 241L....2
- Nursing 290....2

Junior Year--Fall
- Biology 330....4
- Sociology 305....3
- Nursing 310....1
- Nursing 310L....1
- Nursing 331....3
- Nursing 331L....4

Junior Year--Spring
- Biology 370....3
- Mathematics 201 or Psychology 225....3
- Nursing 341....3
- Nursing 341L....4
- Elective....3

Senior Year--Fall
- Nursing 431.....2
- Nursing 431L.....2
- Nursing 441.....3
- Nursing 441L.....4
- Nursing 450.....3
- Elective.....3

Senior Year--Spring
- Nursing 461.....3
- Nursing 461L.....4
- Nursing 490.....3
- One course and lab selected from Nursing 495 and 495L, 496 and 496L, 497 and 497L, or 498 and 498L.....3
- Senior Seminar.....2

Total Semester Hours.....129

## Bachelor of Science in Nursing
## Registered Nurse Completion Track

This program of study is designed for graduates of associate degree and diploma programs in nursing. It is comprised of courses in nursing, sciences, and liberal arts for the junior and senior years.

### Admission Requirements

1. Applicants must be admitted as regular students to the University of South Carolina at Spartanburg.
2. Applicants must have a cumulative GPR of 2.3 (based on a 4.0 scale) in academic courses. A minimum grade of "C" must be obtained in all required science courses.
3. Applicants must be registered nurses with current license.
4. All applicants must complete an application form for the Bachelor of Science Degree in Nursing Program.
5. All applicants must submit a complete, acceptable, physical examination on the School of Nursing form.
6. Nurses who are graduates of non-academic nursing programs (associate degree courses below the 100-level and diploma nursing courses) must (a) obtain 24 semester hours in nursing upon achievement of a score of 45 or better on each of the required College Proficiency Examinations in nursing (ACT PEP) and (b) obtain 1-semester hour in nursing upon successful completion of the Clinical Performance Validation Examination.
7. Applicants must complete the following prerequisite courses (comparable courses may be substituted with approval of the Dean of the School of Nursing):

English 101.....3
English 102.....3
Theater 140 (Speech).....3
Psychology 101.....3
Psychology 302.....3
Sociology 101.....3
Chemistry 101.....4
Biology 232 (Anatomy).....4
Biology 242 (Physiology).....4
Biology 330 (Microbiology).....4
Mathematics 121.....3

In addition to these requirements, a personal interview may be required. In keeping with university policy, 60-semester hours of college credit are required for junior standing.

General Education Requirements

I. Communication

English 101, 102.....6
Theater 140.....3

II. Mathematics

Mathematics 121.....3
Psychological Statistics 225.....3

III. Arts and Humanities

Fine Arts.....3
History 101, 102, 111 or 112.....3
One course selected from among the following:.....3

- American literature
- Art history
- English literature, linguistics, or literary theory
- History
- Literature in a foreign language
- Music history
- Philosophy
- Religion
- Theater history
- World literature

IV. Social and Behavioral Sciences

Government 201.....3
Psychology 101.....3
Sociology 101.....3

V. Natural Science

Chemistry 101.....4
Chemistry 102.....4

VI. Foreign Culture

Sociology 305.....3

VII. Computer Studies

Computer Science 130.....2
One course selected from Computer Science 131-136.....1

VIII. Senior Seminar

A course or combination of courses (1 or more credit hours selected in consultation with the student's major advisor).....2

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Major Requirements

Supporting Courses

Note: Some of the following courses may require a grade of "C" or better. For further information, students should consult their advisor.

Psychology 302.....3
Biology 232, 242, 330, 370.....15
Business 371 or 382.....3

21

Major Courses

Lower Division Nursing Credit.....25
SNUR 310: Nursing Appraisal.....1
SNUR 310L: Nursing Appraisal Practicum.....1
SNUR 321: Concepts of Professional Nursing.....2
SNUR 321L: Concepts of Professional Nursing Practicum.....1
SNUR 331: Strategies for Nursing Action I.....3
SNUR 331L: Strategies for Nursing Action I Practicum.....2
SNUR 361: Dynamics of Family and Community Health Nursing I.....2
SNUR 361L: Dynamics of Family and Community Health Nursing I Practicum.....2
SNUR 390: Seminar in Self Perception.....3
SNUR 431: Strategies for Nursing Action II.....2

SNUR 431L: Strategies for Nursing Action II Practicum.....2
SNUR 461: Dynamics of Family and Community Health Nursing II.....2
SNUR 461L: Dynamics of Family and Community Health Nursing II Practicum.....2
SNUR 490: Nursing Practice: Search and Research.....2
One course and corequisite laboratory selected from the following:.....3

Nursing 495: Health Care for the Hospitalized Person.....1
Nursing 495L: Health Care for the Hospitalized Person Practicum..2
Nursing 496: Health Care for the Industrial Worker.....1
Nursing 496L: Health Care for the Industrial Worker Practicum....2
Nursing 497: Health Care for the Older Person.....1
Nursing 497L: Health Care for the Older Person Practicum.....2
Nursing 498: Health Care for the School Population.....1
Nursing 498L: Health Care for the School Population Practicum....2

Elective Hours[1].....3

Total hours required.....128

[1]Electives are any credit course at the 101-level or above course taught on this campus, or any course other than a required course, transferred with acceptable credit. General Studies courses, University courses, and 100-level courses are not acceptable as electives.

## Recommended Curriculum
## for Bachelor of Science in Nursing
## Completion Track

Junior Year--Fall
- Chemistry 102....4
- Sociology 305....3
- Nursing 310....1
- Nursing 310L....1
- Nursing 321....2
- Nursing 321L....1
- Nursing 390....3

Junior Year--Spring
- Biology 370....3
- Nursing 331....3
- Nursing 331L....2
- Nursing 361....2
- Nursing 361L....2
- Computer Science 130....2
- Computer Science 131-136....1
- General Education Group III....3

Senior Year--Fall
- Business 382....3
- Nursing 431....1
- Nursing 431L....3
- Nursing 461....1
- Nursing 461L....3
- General Education Group III....6

Senior Year--Spring
- Psychology 225....3
- Elective....3
- Nursing 490....2
- Government 201....3
- Nursing Elective....3
- Senior Seminar....2

Total Semester Hours....66

## Descriptions

Descriptions of all courses offered for undergraduate credit are arranged alphabetically by academic discipline on the following pages. Not all courses are available every term. A schedule of classes is printed before the registration period for each term as an announcement of course offerings. Students are advised to consult these schedules prior to registration. The university reserves the right to withdraw any course on the grounds of insufficient enrollment.

## Course Numbering

Courses numbered from 100 to 699 are available for undergraduate credit. Courses numbered from 700 to 899 may be taken for graduate credit only and are described in the Graduate Studies catalog. Courses numbered from 100 to 499 are for four-year baccalaureate degree candidates. Courses numbered from 500 to 699 may be taken for undergraduate or graduate credit and are open to advanced undergraduates.

## ANTHROPOLOGY (SANT)

**102. Understanding Other Cultures** **3 semester hours**
An exploration and comparison of selected contemporary cultures, including their languages. An introduction to the concepts, methods, and data of sociocultural anthropology and anthropological linguistics.

## ART

### Art Education (SAED)

**329. Art for Elementary Schools** **3 semester hours**
Methods of teaching art to elementary school children. Major emphasis is given to relevant studio experience.

### Art History (SATH)

**101. Methodology of Art History** **3 semester hours**
A slide-lecture course introducing the methods and techniques of art history: the formal, historical, and iconographic analysis of architectural monuments, paintings and examples of sculpture; aspects of various theories of art and architecture.

105. History of Western Art 3 semester hours
The visual arts from Paleolithic times to the Renaissance.

106. History of Western Art 3 semester hours
The visual arts from the Renaissance to the present.

200. History of Interiors 3 semester hours
The history of architectural interiors with special attention to period styles.

205. History of American Art I 3 semester hours
A survey of the history of art in America from colonial times to 1860.

206. History of American Art II 3 semester hours
A survey of the history of art in American from 1860 to the present.

207. History of Twentieth Century Art 3 semester hours
A survey of Western architecture, painting, and sculpture in the twentieth century.

399. Independent Study 3 semester hours
Opportunities to design and develop research projects of a complex and extensive nature in keeping with the student's primary interests.

507. Problems in Art: History and Criticism 3 semester hours
In-depth exploration of particular problems in history, criticism, or both culminating in a term paper, thesis, or monograph. Prerequisite: consent of instructor and division chairperson.

Art Studio (SART)

103, 104. Fundamentals of Art 3 semester hours each
Lecture-studio courses introducing basic experiences in two-dimensional and three-dimensional design, color, and drawing.

107. Color and Composition 3 semester hours
Color, color theory, and compositional systems.

111. Drawing I 3 semester hours
Basic course in the materials and techniques of drawing. Prerequisite: Studio Art 103 or consent of instructor.

112. Drawing II 3 semester hours
A continuation of the basic course in the materials and techniques of drawing. Prerequisite: Studio Art 111 or consent of instructor.

**201. Advertising Design** 3 semester hours
An introduction to design as applied to the field of advertising art. Prerequisite: Studio Art 103 or consent of instructor.

**202. Ceramics** 3 semester hours
Introductory course in ceramics, study of local clay, experiences in process of forming, decorating, glazing, and firing. Prerequisite: Art Studio 104 or consent of instructor.

**207. Printmaking** 3 semester hours
An introductory course in the processes and techniques of printmaking. Prerequisite: Studio Art 103 or consent of instructor.

**208. Introduction to Sculpture** 3 semester hours
An introductory course in the materials and techniques of sculpture. Prerequisite: Studio Art 104 or consent of instructor.

**211. Introduction to Painting** 3 semester hours
An introductory course in materials and techniques of painting. Prerequisite: Studio Art 103 or consent of instructor.

**229. Introduction to Crafts** 3 semester hours
Traditional craft media: techniques, design, and contemporary concepts.

**231. Life Drawing** 3 semester hours
An introduction to drawing the figure from life with an emphasis on visual perception and basic drawing skills. Drawing from the live model in a variety of media. Prerequisite: Studio Art 112 or consent of instructor.

**241. Interior Design** 3 semester hours
An introductory course in interior design, with emphasis on architectural drafting.

**249. Introduction to Fiber Arts** 3 semester hours
Basic concepts and techniques in weaving, spinning, felting, warping, and latch hooking. Prerequisite: Studio Art 104 or consent of instructor.

**261. Photography** 3 semester hours
The basic techniques and procedures of taking and processing photographs as personal artistic expression.

**291. Video Art: Theory and Practice** 3 semester hours
An introduction to television as an artistic and communications medium; small format video systems are used in the creation of individual projects.

**301. Intermediate Advertising Design I** 3 semester hours
Fundamentals of color, design, typography, advertising principles, layout design, lettering and type; the processes of reproduction and printing; various types of layout; preparation of roughs and comprehensives; the overall purpose and psychology of visual advertising. Prerequisite: Studio Art 201 or consent of instructor.

**302. Intermediate Advertising Design II** 3 semester hours
A continuation of Studio Art 301 with emphasis upon individual project design, fabrication, and presentation. Prerequisite: Studio Art 301.

**303. Illustration** 3 semester hours
Contemporary ideas and methods in editorial, industrial, interior, and advertising design. Prerequisite: Studio Art 201.

**311. Intermediate Painting I** 3 semester hours
A further exploration of the materials and techniques of painting with emphasis on individual creative expression. Prerequisite: Studio Art 211 or consent of instructor.

**312. Intermediate Painting II** 3 semester hours
A continuation of Studio Art 311 with emphasis upon individual project development and creative expression. Prerequisite: Studio Art 311 or consent of instructor.

**321. Intermediate Ceramics I** 3 semester hours
Intermediate study in ceramic processes and techniques, technical investigation in clay bodies and glazes, with emphasis on the wheel throwing technique. Prerequisite: Studio Art 202 or consent of instructor.

**322. Intermediate Ceramics II** 3 semester hours
A continuation of Studio Art 321 with emphasis upon individual creative projects. Prerequisite: Studio Art 321.

**331. Advanced Drawing I** 3 semester hours
Methods and materials of graphic representation and expression with emphasis on individual creative expression. Prerequisite: Studio Art 112.

**332. Advanced Drawing II** 3 semester hours
A continuation of Studio Art 311 with emphasis on the development of individual projects. Prerequisite: Studio Art 331.

**339. Introduction to Metalsmithing** 3 semester hours
Design and construction of objects in various metals and materials. Prerequisite: Studio Art 104 or consent of instructor.

**349. Intermediate Fiber Arts** **3 semester hours**
Concepts and techniques in surface design, including batik, dyeing, caning, and screen printing. Prerequisite: Studio Art 249 or consent of instructor.

**371. Intermediate Printmaking I** **3 semester hours**
An examination of the various printmaking or graphic techniques such as: intaglio, lithography, block printing, including the execution of original works in these media. Prerequisite: Studio Art 271.

**372. Intermediate Printmaking II** **3 semester hours**
A continuation of Studio Art 371. A further examination of the various printmaking or graphics techniques, such as: intaglio, lithography, and block printing, including the execution of orginal works in these media. Prerequisite: Studio Art 371.

**381. Intermediate Sculpture I** **3 semester hours**
Exploration and application of three-dimensional principles in different sculptural media. Prerequisite: Studio Art 208 or consent of instructor.

**382. Intermediate Sculpture II** **3 semester hours**
A continuation of Studio Art 381 with emphasis upon individual creative expression through particular projects. Prerequisite: Studio Art 381.

**399. Independent Study** **3-9 semester hours**
Opportunities to design and develop projects of a complex and extensive nature in keeping with the student's major creative interests. Prerequisite: consent of instructor and division chair.

**411. Advanced Painting I** **3 semester hours**
Students are given further opportunity to develop according to their own interests. Prerequisite: Studio Art 312.

**412. Advanced Painting II** **3 semester hours**
A continuation of Studio Art 411. Prerequisite: Studio Art 411.

**421. Advanced Ceramics I** **3 semester hours**
The processes and materials of ceramic works of art. Prerequisite: Studio Art 322.

**422. Advanced Ceramics II** **3 semester hours**
A continuation of Studio Art 421. Prerequisite: Studio Art 421.

**471. Advanced Printmaking I** **3 semester hours**
The process and materials for making fine prints. Prerequisite: Studio Art 372.

472. Advanced Printmaking II 3 semester hours
A continuation of Studio Art 471. Prerequisite: Studio Art 471.

481. Advanced Sculpture I 3 semester hours
The process and materials of sculpture. Advanced study in the process and materials of sculpture. Prerequisite: Studio Art 382.

482. Advanced Sculpture II 3 semester hours
A continuation of Studio Art 481. Prerequisite: Studio Art 481.

507. Problems in Art: Studio 3 semester hours
In-depth exploration of particular problems unique to certain media or processes. Prerequisite: consent of instructor or division chair.

## ASTRONOMY (SAST)

111. Descriptive Astronomy I 3 semester hours

## BIOLOGY (SBIO)

101. Biological Science I 4 semester hours
Biological principles stressing unifying concepts at all levels of organization. For biology majors, pre-medical students, and others needing a prerequisite background in biological sciences. Three lecture and three laboratory hours per week.

102. Biological Science II 4 semester hours
A continuation of Biology 101. Three lecture and three laboratory hours per week. Prerequisite: Biology 101.

110. General Biology 4 semester hours
An introduction to basic biological concepts for non-biology majors, presented within context of contemporary thought. This course cannot serve either as a prerequisite for upper level courses or for major credit. Three one-hour lectures and one three-hour laboratory per week.

232. Anatomy 4 semester hours
An anatomical study of the human body. Required of students in nursing and pharmacy. Open to biology majors, pre-medical, pre-dental, pre-allied health science students. Three lecture and three laboratory hours per week.

242. Physiology 4 semester hours
A study in Human Physiology. Required of students in nursing and pharmacy. Open to biology majors, pre-dental, pre-allied health science students. Three lecture and three laboratory hours per week. Prerequisite: Biology 232 or consent of instructor.

**310. Invertebrate Zoology** 4 semester hours
Phylogenetic and comparative aspects of anatomy, physiology, reproduction and embryology of the invertebrates. Three lecture and three laboratory hours per week. Prerequisite: Biology 101-102 or consent of instructor.

**315. Comparative Vertebrate Anatomy** 4 semester hours
Phylogenetic and comparative aspects of anatomy, physiology, reproduction and embryology of the vertebrates. Three lecture and three laboratory hours per week. Prerequisite: Biology 101-102 or consent of instructor.

**320. General Botany I** 4 semester hours
Phylogenetic survey of the major plant divisions and consideration of the structure and development of flowering plants. Three lecture and three laboratory hours per week. Prerequisite: Biology 101-102 or consent of instructor.

**330. Microbiology** 4 semester hours
An introduction to bacteria and viruses, emphasizing morphology, pathogenic microbes, antigen-antibody relationships, and antimicrobial agents in chemotherapy. Required of students in nursing and pharmacy. Open to science majors. Three lecture and three laboratory hours per week.

**340. Cell Biology** 4 semester hours
Comprehensive study of morphology, ultrastructure and biochemistry of living cells and their organelles. Bioenergenetics, metabolism, division and differentiation as cellular phenomena. Three lecture and three laboratory hours per week. Prerequisite: Biology 101-102 or consent of instructor.

**350. Fundamental Genetics** 4 semester hours
Basic principles of transmission and molecular genetics: quantitative inheritance, recombination; biochemical aspects of gene function and regulation; developmental genetics and population genetics. Examples drawn from microbes, plants, animals and man. Three lecture and three laboratory hours per week. Prerequisite: Biology 101-102 or consent of instructor.

**360. General Physiology** 4 semester hours
Three lecture and four laboratory hours per week. Prerequisite: Biology 102.

**370. Pathophysiology** 3 semester hours
Pathophysiology is concerned with disruptions of normal physiology, with the processes that bring about these disruptions, and with various ways in which the disruptions manifest themselves. Three lecture hours per week. Prerequisite: Biology 232, 242, 330 or consent of instructor.

380. Plant Geography 4 semester hours
A study of plant distribution. Emphasis is placed on the distribution of species and the ecological, biological, and geographical phenomena controlling such patterning. Each major plant grouping on earth is discussed: tundra, boreal forest, coastal plain, deciduous forest, tropical rain forest, prairies, desert, sclerophyll forest. Labs consist of a series of weekend field trips. Prerequisite: Biology 101-102 or consent of instructor.

398. Special Topics in Biology 1-3 semester hours
Intensive study in selected areas of biology. Individual topics are announced with suffix and title. Not for major credit, elective credit only. Prerequisite: consent of instructor.

399. Independent Study 3 semester hours
(Not for major credit.)

400. Man and His Environment 3 semester hours
The interaction of man and the environment emphasizing the intimate relationship of the biosphere to man. Not available for biology major credit. Three lecture hours per week.

440. Applied Human Physiology 3 semester hours
Designed to teach non-science majors the fundamentals of functional human biology and to build on these fundamentals a relevant knowledge of medical problems in contemporary society such as obesity, malnutrition, emphysema, organ transplants, cardiovascular disease, and man in space. Not available for biology major credit. Three lecture hours per week.

525. Plant Taxonomy 4 semester hours
The major classes of flowering plants found in South Carolina are described in lecture and representative examples of each class are studied in the laboratory. Students are expected to collect 30 flowering plants, press, and identify them as a special class project. Economic uses as well as some horticultural uses are also discussed. Three lecture and three laboratory hours per week. Prerequisite: Biology 101-102 or consent of instructor.

530. Histology 4 semester hours
A study of the microscopic anatomy of human cells, tissues, and organs. Three lecture and three laboratory hours per week. Prerequisite: 1 year biological science and 1 year chemistry or consent of instructor.

531. Parasitology 4 semester hours
A survey of the parasites of animals, with emphasis on the immunological, clinical, and epidemiological aspects of human parasitism. Three lecture and three laboratory hours per week. Prerequisite: 1 year biological science and 1 year chemistry.

534. Animal Behavior 4 semester hours
The identification and classification of behavior patterns exhibited by various species of animals; the determination of relationships among behaviors together with their origin and development. Three hours lecture and three hours laboratory per week. Prerequisite: 6 credits in basic psychology, or Psychology 101 and Biology 102.

541. Biochemistry 4 semester hours
Chemistry and functions of major biological compounds, including primary metabolic pathways and control mechanisms for biosynthesis and degradation. Three lecture and four laboratory hours per week. Prerequisite: Chemistry 232 or consent of instructor.

570. Principles of Ecology 4 semester hours
Interactions of organisms and the environment; ecosystems structure and functions. Three lecture and three laboratory hours per week. Prerequisite: Biology 102.

601. Developmental Biology 4 semester hours
A comparative analysis of the major facts and principles associated with embryological development and differentiating mechanisms in the control of developments in plants and animals are discussed at the cellular and molecular level. Three lecture and three laboratory hours per week. Prerequisite: Biology 101-102 and 340 or consent of instructor.

645. Senior Seminar 1 semester hour
Required of biology majors. The seminar is designed to enable the student to integrate biological knowledge at an advanced level, to explore ethical issues, and to gain experience in research and oral presentation. Prerequisite: 16 hours of biology.

## BUSINESS ADMINISTRATION (SBAD)

190. Business Data Processing 3 semester hours
An introduction to the data processing needs of a business organization with emphasis on management information systems. Routine data processing and decision-making applications for the computer are described in a profit-making environment. Other concepts introduced are computer modeling, hardware and software selection and the design of information systems. Prerequisite: Computer Science 130 and one of Computer Science 131-136 or an equivalent course in computer fundamentals and programming.

222. Survey of Accounting 3 semester hours
Fundamentals of accounting including the financial accounting process, financial reporting and managerial accounting. (Not open to Business Administration majors.)

225, 226. Fundamentals of Accounting 3 semester hours each
Principles upon which accountants rely in their determination of a firm's net income and financial position. Study in some depth of financial, managerial, and production accounting. Prerequisite: Mathematics 121.

290. Business Applications Programming 3 semester hours
Introductory COBOL programming with emphasis on commercial applications. Not to be taken by computer science majors or data processing concentration business majors. Prerequisite: Computer Science 130 and one of Computer Science 131-136 or equivalent. (Equivalent to Computer Science 231.)

Note: Normally students not majoring in Business Administration must meet the course prerequisites and have junior standing before enrolling in the 300-level or above Business and Economics courses. Students not fully meeting the stated prerequisites must obtain the consent of the instructor for entry into a particular course.

The following courses in Business Administration and Economics could be taken at junior-senior level by non-business majors without the normally prescribed School of Business prerequisites:

Business Administration 347, 366, 369, 374, 380, 382
Economics 524

331, 332. Intermediate Accounting 3 semester hours each
Detailed study of the theory of accounts and the techniques of accounting: balance sheet accounts and problems of recording, tracing and valuation; revenue recognition and income determination under the various theories of recognition. Prerequisite: Business Administration 226 and Economics 292.

333. Cost Accounting I 3 semester hours
Principles and procedures of cost accounting. Prerequisite: Business Administration 226 and Economics 292.

334. Cost Accounting II 3 semester hours
Principles and procedures of cost accounting continued. Prerequisite: Business Administration 333.

335. Individual Tax Planning 3 semester hours
Introduction to federal income tax law as it relates to planning individual transactions to minimize income taxes. Includes preparation of individual tax returns utilizing such planning. Prerequisite: Business Administration 226.

336. Fund Accounting 3 semester hours
Principles and procedures of accounting for the various funds of governmental and institutional organizations and budgetary accounting for planning and controlling revenues and expenditures. Prerequisite: Business Administration 226.

**347. Survey of Commercial Law** 3 semester hours
A comprehensive survey designed to provide a foundation for legal environment by covering the following topics; the legal system, crimes and torts, consumer law, anti-trust, labor and employment law, environment, insurance, contracts and agency, business ethics, and international matters. Prerequisite: Government 201.

**348. Commercial Law II** 3 semester hours
Corporations, bankruptcy, and the Uniform Commercial Code. Prerequisite: Business Administration 347.

**350. Principles of Marketing** 3 semester hours
Marketing functions, trade channels, price policies, expenses and profits of middlemen, and public policy with respect to marketing practices. Prerequisite: Business Administration 222 or 225, 226; Economics 524 or 221, 222; Economics 291 or Psychology 225 or Mathematics 201.

**351. Consumer Behavior** 3 semester hours
The principal object of study is the consumer decision process as examined in a marketing context. Selected concepts from psychology, sociology, anthropology, and other behavioral disciplines are analyzed to develop the student's ability to understand and predict reactions of consumers to marketing decisions. Prerequisite: Business Administration 350.

**352. Marketing Communications** 3 semester hours
A study of the promotion mix of advertising, personal selling, publicity, and sales promotion which is used to communicate with consumers, middlemen, and industrial markets. The psychological, sociological, and cultural factors influencing promotion are discussed. Prerequisite: Business Administration 350, 351 or consent of instructor.

**353. Marketing Channels** 3 semester hours
A course which is designed to present an in-depth study of marketing channels and marketing institutions. The approach integrates business objectives with specific institutional characteristics to show channel management as fundamental to success of the business enterprise. Research and the use of models in selected areas of channel management are emphasized. Prerequisite: Business Administration 350.

**363. Business Finance** 3 semester hours
The procurement and management of wealth by privately owned profit-seeking enterprises. Prerequisite: Business Administration 226 and Economics 221, 222, 292.

366. Principles of Real Estate 3 semester hours
Principles of property utilization, the law dealing with ownership, titles, and liens; determinants of value; the real estate cycle; regulatory legislation; current problems in urban and suburban land use; city structure and planning. Prerequisite: junior standing.

369. Personal Finance 3 semester hours
Life insurance, health insurance, wills, trusts, social security, stocks, bonds, real estate, mutual funds, and other uses of funds.

371. Principles of Management 3 semester hours
A comprehensive survey of the basic principles of management applicable to all forms of business. This course provides students with a basis for thinking about complex business situations in the framework of analysis of the management process. Prerequisite: Business Administration 222 or 225, 226; Economics 524 or 221,222; Economics 291 or Psychology 225 or Mathematics 201.

374. Personnel Management 3 semester hours
A development of an understanding of personnel administration as a staff function through a study of modern-day concepts and practices. Topics include: research and standards, employment, training and education, safety and health, employee services and industrial relations. Prerequisite: junior standing and Economics 291 or equivalent.

376. Organizational Behavior 3 semester hours
Study of individual and group behavior viewed from a managerial perspective within the organizational setting. Prerequisite: Business Administration 371.

380. Essentials of Marketing 3 semester hours
A study of the distribution of goods from producer through middleman to the ultimate consumers. (Not to be used to satisfy any Business Administration/Economics degree requirement.) Prerequisite: junior standing.

382. Essentials of Management 3 semester hours
An analysis of business organizations, methods of operation, and forms of ownership. (Not to be used to satisfy any Business Administration/Economics degree requirement.) Prerequiiste: junior standing.

390. Business Information Systems 3 semester hours
Concepts of designing information systems: data flows, purposes, sources, storage, retrieval, processing, and reporting; data base organization. Prerequisite: Business Administration 190 or Computer Science 140.

393. Management Decision Methods 3 semester hours
Quantitative methods of assistance to managers in the decision making process with applications in the production and operations areas. Topics include: decision analysis: linear programming, the graphical and simplex methods; applications of linear programming in production, transportation problems; fundamentals and applications of PERT/CPM, queueing models, and inventory models. Prerequisite: Business Administration 226 and Economics 221, 222, 292.

399. Independent Study 3–15 semester hours

452. International Marketing 3 semester hours
An analysis of cultural, legal, political, and economic factors affecting the marketing of products and services in world markets. Prerequisite: Business Administration 350.

457. Marketing Research 3 semester hours
A study of research methods and procedures used in the marketing process. Particular emphasis is given to the sources of market data, sampling, preparation of questionnaires, collection and interpretation of data and the relation of market research to the policies and functions of the business enterprise. Emphasis is placed upon differences in life-style, beliefs, attitudes, etc., and their influences upon the marketing decisions of the firm. Prerequisite: Business Administration 350, Economics 291 and 292.

463. Advanced Business Finance 3 semester hours
A study of the advanced phases of business finance where theory and principles are employed in solving actual business cases. Prerequisite: Business Administration 363.

467. Real Estate Finance 3 semester hours
A study of the various instruments utilized in the financing of real property, including such items as mortgages, junior liens, land contracts, long-term leasing and sale, and lease-back arrangements. Attention is also given to important institutional and other sources of funds for real estate financing and to the program of the U.S. government and its agencies. Prerequisite: Business Administration 366 and Economics 292 or equivalent.

468. Real Estate Appraisal and Investment Management 3 semester hours
Relationship between valuations and market prices; local real estate taxes as a charge against income-producing property; various approaches to value from an income point of view; the valuation of leaseholds and problems in eminent domain, principles of investment as they apply to real estate and the management of real estate management portfolios. Prerequisite: Business Administration 366 and Economics 292 or equivalent.

**469. Investment Analysis and Portfolio Management** 3 semester hours
Conceptual and analytical framework for formulating investment policies, analyzing securities and constructing portfolios. Prerequisite: junior standing.

**475. Production Management** 3 semester hours
Emphasis is on the essential features of production/operations management with details on specific concepts and modeling applications. At the same time, the detailed activities of the production manager are related to each other. Topics include: the assignment and transportation problems, scheduling, forecasting models, inventory control systems, and quality control. Prerequisite: Business Administration 371, 393.

**477. Organizational Concepts** 3 semester hours
A conceptual framework for the orderly analysis of management functions through studies in organization, planning, and control theories. Prerequisite: Business Administration 371.

**478. Business Policy** 3 semester hours
A multifunctional approach to the study of organizational problems and opportunities. Emphasis is placed on integrating the knowledge gained in previous courses in relation to the functions of an organization through strategy, objectives, policies, technology, environment, systems, ethics and decision making. The course requires individual research accompanied by written and oral presentations. Prerequisite: Business Administration 350, 363, 371, senior standing.

**490. Management Information Systems** 3 semester hours
An integrative course in computer-based management information systems requiring a project which encompasses the analysis, design and implementation of an actual management information system in a user's environment. The required project involves a total feasibility study including the information flows, economics, risk assessments, and the behavioral and legal implications of the system. Prerequisite: Computer Science 231 or Business Administration 290, 390, or consent of instructor.

**492. Complex Managerial Decisions** 3 semester hours
A study of the use of computer-based mathematical models as a basis for managerial decisions. Emphasis is on mathematical programming and Bayesian statistical analysis. Students use prepackaged computer programs as a solution methodology. Prerequisite: Economics 291, 292 and Business Administration 393, or consent of instructor.

**532. Advanced Federal Income Tax** 3 semester hours
This course continues the study of tax problems through estates and trusts, partnerships, corporations, foreign income, gift, and social security taxes. Prerequisite: Business Administration 335.

**535. Auditing Theory I** 3 semester hours
A study of the practical application of accounting knowledge to the problems of auditing and a study of the installation, use, and effect of systems of internal control. Prerequisite: Business Administration 332.

**536. Auditing Theory II** 3 semester hours
A study of auditor ethics, legal liability, the audit of Electronic Data Processing systems, the audit application of statistical sampling, and the reporting function of the independent auditor. Prerequisite: Business Administration 535.

**537. Advanced Accounting I** 3 semester hours
In-depth study of business combinations and consolidated financial statements. Prerequisite: Business Administration 332.

**538. Advanced Accounting II** 3 semester hours
In-depth analysis of selected topics related to external financial reporting. Topics include partnerships, fiduciary relationships, and international operations. Prerequisite: Business Administration 537.

**539. Accounting Information Systems** 3 semester hours
Design and operation of information systems for accounting and management control with emphasis on electronic data processing of accounting information. Prerequisite: Business Administration 332 and 333.

**558. Marketing Management** 3 semester hours
A study of the aggregate marketing system from the point of view of the decision maker. Topics included are: the policy areas of organization, research, product, promotion, pricing, channels, forecasting, distribution cost analysis, control, and management of the sales force. Prerequisite: Business Administration 352.

**561. International Business Finance** 3 semester hours
The financial management of a multinational business enterprise. Topics include subsidiary working capital management, financial analysis of overseas ventures, sources of international capital, funds remittance policies, trade finance, exchange risk management policies, and techniques of financial control. Prerequisite: Business Administration 363.

582. Office Management 3 semester hours
An analysis of the organization, administration, and functions of the business office as a support system for business decisions. Emphasis is placed on the economic, technical, and behavioral considerations in office management. Special attention is given to the impact of changing information processing technology on the role of the business office. Prerequisite: Business Administration 371 and 390.

589. Electronic Data Processing Audit and Controls 3 semester hours
An introduction to electronic data processing (E.D.P.) auditing with emphasis on E.D.P. controls, audit types, audit techniques, and their effects on system development. Prerequisite: Business Administration 226, 390.

591. Simulation of Business Systems 3 semester hours
Theory and design of business simulation experiments, development and use of computer simulation models, and analysis of data generated by computer simulation experiments. Prerequisite: Business Administration 390, Economics 292.

593. Information Systems Planning 3 semester hours
An introduction to the financial, technical, and strategic information systems planning process. Prerequisite: Business Administration 390.

595. Information Resource Management 3 semester hours
A seminar in information systems management with emphasis on planning, ethical and security issues, organizing and controlling user services and managing the systems development process. The course requires individual research accompanied by written and oral presentations. Prerequisite: Business Administration 490.

## CHEMISTRY (SCHM)

Note: Students may satisfy the prerequisite requirements for advanced undergraduate courses in chemistry by taking Chemistry 111 and 112.

101. General Chemistry 4 semester hours
First portion of a two-semester terminal course (Chemistry 101-102). Engineers, science majors, pre-meds, etc., requiring more than two semesters of chemistry should not enroll in this course. Three lecture, one recitation, and two laboratory hours per week.

102. Introduction to Organic and Biochemistry 4 semester hours
Second portion of a two-semester terminal course (Chemistry 101, 102). Engineers, science majors, pre-med, etc. should not enroll in this course. Three lecture, one recitation and two laboratory hours per week. Prerequisite: Chemistry 101 or 111.

105. Chemistry and Modern Man I — 3 semester hours
A conceptual and qualitative approach to chemistry, its evolution, achievements, goals, and its impact on technology, the environment, modern life and thought. Specifically designed for students planning no further study of chemistry or science. Three lecture hours.

106. Chemistry and Modern Man II — 3 semester hours
A continuation of Chemistry 105. Three lecture hours. No prerequisite.

106L. Chemistry and Modern Man II Laboratory — 1 semester hour
Three laboratory hours per week. Prerequisite or Corequisite: Chemistry 106.

111. General Chemistry — 4 semester hours
A survey of the principles that underlie all chemistry with applications illustrating these principles. Three lecture, one recitation, and two laboratory hours per week. Prerequisite or Corequisite: Mathematics 121 or 125.

112. General Chemistry and Qualitative Analysis — 4 semester hours
A continuation of Chemistry 111. Special emphasis on chemical equilibrium. Three lecture, one recitation, and three laboratory hours per week. Prerequisite: Chemistry 111 and Mathematics 121 or 125.

310. Introductory Biochemistry — 4 semester hours
A one semester terminal course outlining major biological molecules, metabolic pathways, enzymatic kinetics, molecular genetics, and physiology. Three hours lecture and three hours laboratory per week. Not for science majors. Prerequisite: Chemistry 101 or 111, 112, or consent of instructor.

321. Quantitative Analysis — 3 semester hours
Principles of gravimetric, volumetric, and basic instrumental methods of analysis. Three lecture hours per week. Prerequisite: Chemistry 112.

321L. Quantitative Analysis Laboratory — 1 semester hour
The practice of volumetric, gravimetric, and simple instrumental methods of analysis. Three laboratory hours per week. Corequisite: Chemistry 321.

331. Organic Chemistry — 3 semester hours
A systematic study of organic chemistry. Three lecture hours and one recitation hour per week. Prerequisite Chemistry 112 or consent of instructor.

331L. Organic Chemistry Laboratory 1 semester hour
A survey of laboratory methods of organic chemistry. Three laboratory hours per week. Prerequisite or Corequisite: Chemistry 331.

332. Organic Chemistry 3 semester hours
A continuation of Chemistry 231. Three lecture hours and one recitation hour per week. Prerequisite: Chemistry 331.

332L. Organic Chemistry Laboratory 1 semester hour
Three laboratory hours per week. Prerequisite: successful completion of Chemistry 231L and successful completion of, or concurrent enrollment in, Chemistry 332.

COMPUTER SCIENCE (CSCI) and (SCSC)

130. Introduction to Computer Technology 2 semester hours
Basic computer components and peripherals, basic computer function, input/output concepts, storage concepts, data communications, distributed processing, programming language concepts. Corequisite: 1 or more courses selected from Computer Science 131-136.

131. BASIC Programming 1 semester hour
An introduction to programming in the BASIC language. Prerequisite or Corequisite: Computer Science 130.

137. Software Applications Packages 2 semsester hours
An introduction to the three most popular microcomputer applications packages: word processing, spread sheets, and data base management. Prerequisite: Computer Science 130, 131.

140. Introduction to Algorithmic Design 3 semester hours
Problem solving and algorithmic design in a procedural language. Rigorous techniques in the design, coding, testing, and documentation of computer programs are emphasized. Two lectures and two laboratory hours per week. Prerequisite: three years of college preparatory mathematics or equivalent.

210. Assembler Language Programming 3 semester hours
Computer organization: memory, CPU, registers, and PSW. Addressing techniques. Assembly language programming: arithmetic and logical instructions, subroutines and linkages, process interrupts. Prerequisite: Computer Science 240 and Mathematics 122 or 141.

211. Assembler Language Programming II 3 semester hours
A continuation of Computer Science 210: interrupts, I/O programming, macro instructions, conditional assembly. Prerequisite: Computer Science 210.

231. Advanced BASIC Programming 3 semester hours
Continuation of Computer Science 131. The course emphasizes modular programming and algorithmic design. Includes programming topics such as string manipulation, array processing, sequential and random file processing the BASIC lanaguage. Prerequisites: Computer Science 130, 131.

232. COBOL Programming 3 semester hours
Basic and advanced programming with emphasis on commercial applications. Prerequisite: Computer Science 240.

233. FORTRAN Programming 3 semester hours
Basic and advanced programming in the FORTRAN language. Prerequisite: Computer Science 240 or Business Administration 190.

234. Pascal Programming 3 semester hours
Basic and advanced programming in the Pascal language. Problem solving to include topics in structured variables, arrays, strings, linked lists, queues, and trees. Prerequisite: Computer Science 240.

238. Business Applications Programming 3 semester hours
Introductory COBOL programming with emphasis on commercial applications. (Not to be taken by computer science majors or data processing concentration business majors.) Prerequisite: Computer Science 130 and one of Computer Science 131-136 or equivalent. (Equivalent to Business Administration 290.)

240. Introduction to Algorithmic Design II 3 semester hours
A continuation of Computer Science 140. Rigorous development of computer algorithms is emphasized. Elementary data structures, algorithm analysis, programming techniques such as string and recursion are introduced. Prerequisite: Computer Science 140 and Mathematics 121 or 141.

310. Introduction to Computer Architecture 3 semester hours
Computer system organization, conventional machine architecture, microprogrammed architecture and organization, multilevel machines. Prerequisite: Computer Science 240.

320. Information Structures 3 semester hours
Arrays: Dense and linked lists; stacks, queues, trees, graphs and their applications. Sorting, searching, and hashing methods are discussed. Prerequisite: Computer Science 240.

399. Independent Study 1-9 semester hours

401. Introduction to Systems Simulation 3 semester hours
A study of simulation languages and simulation techniques for solving many types of research problems from science and computer systems. Simulation methodology. Design of simulation experiments for optimizations and applications using simulation languages such as GPSS, SIMSCRIPT, and GASP. Prerequisite: Computer Science 310, 320, Mathematics 142.

420. File Management 3 semester hours
Concepts of I/O management: fields, key, records, and buffering. File organization: sequential, indexed sequential, and direct access. File sorting, searching, and merging. File structures in data base systems: inverted, multi-ring, and hybrid files. Time and storage space requirements. Data security and integrity. Prerequisite: Computer Science 320.

441. Applied Commercial Programming 3 semester hours
Relation of the individual programmer to programming teams, user groups, and management. An internship in a data processing operation is the core of the course. This course is graded on a Pass/Fail basis. Prerequisite: 6 hours in programming courses and consent of instructor.

508. Computer Methods for Humanistic Problems 3 semester hours
Introduction to data processing concepts suitable for research interests in non-numerical areas such as the humanities. Orientation to data processing equipment and computers. Logic, flow-charting, list-processing, programming languages. Analysis of appropriate computer-assisted research projects. (Not for computer science majors and not recommended for students in mathematics and the sciences.) Prerequisite: consent of instructor. (Equivalent to English 526.)

508L. Laboratory for Computer Methods for Humanistic Programs 3 semester hours
Broad but intensive introduction to computer systems and programming for students in the humanities. No mathematical or scientific background is presumed. Laboratory experience with data processing equipment. Introduction to elementary digital computer programming in an appropriate language. (Not for computer science majors and not recommended for students in mathematics and the sciences.) Corequisite: Computer Science 508. (Equivalent to English 526.)

509. Topics in Computer Science 1-3 semester hours
Selected topics of special interest in computer science. May be repeated for credit. Prerequisite: consent of instructor.

511. Operating Systems 3 semester hours
Basic concepts and terminology of operating systems, concepts of I/O and interrupt programming, machine structure, memory management, processor management, and devise management. Prerequisite: Computer Science 310, 320.

512. Computer Communications Subsystems 3 semester hours
Descriptions of typical network and distributed concepts are discussed. Concentration is on the systems as viewed from the communication mechanism. Focus is on distributed systems, networks, local networks, back-end storage networks, etc. The systems are viewed as a set of hierarchical cooperating protocol levels. Models for message switches, circuit switches, and bus structures are developed. Prerequisite: Computer Science 310.

520. Database System Design 3 semester hours
Database organization; design and use of database management systems; database models: network, hierarchical, and relational; data description languages, data independence, and representation. Prerequisite: Computer Science 420.

530. Programming Language Structures 3 semester hours
An introduction to the structure of programming languages: formal specification of syntax and semantics, structure of algorithms. List processing and string manipulation languages. Basic data types and interfacing procedures. Prerequisite: Computer Science 210, 320.

540. Advanced Program Design 3 semester hours
Review of structured and top-down design, modular programming, and data types. Introduction to time-space trade-offs, I/O and files, flow of control, preprocessors, error handling and interrupts, documentation. Prerequisite: Computer Science 240.

550. Discrete Mathematics for Computer Science 3 semester hours
Introduction to mathematical tools for use in computer science: mathematical models, reasoning, sets, binary relations, functions, counting, analysis of algorithms, infinite sets, algebras. Prerequisite: Mathematics 141, 240. (Equivalent to Mathematics 550.)

551. Introduction to Automata Theory 3 semester hours
Algebraic characterizations of languages; abstract families of languages; finite state and automata and sequential machines; deterministic languages and their grammars. Prerequisite: Computer Science 320, Computer Science 530.

560. Numerical Analysis I 3 semester hours
Difference calculus. Direct and interactive techniques for matrix inversion. Eigenvalue problems. Numerical solutions of initial value problems in ordinary differential equations. Stability. Error analysis. Laboratory applications. Prerequisite: Mathematics 242, 544.

580. Introduction to Artificial Intelligence 3 semester hours
The mind-brain problem and the nature of intelligence. Study of work in artificial intelligence with respect to cognitive behavior and self-organizing systems. Heuristic programming techniques including the use of list processing and logic programming languages. Survey of examples from representative applications areas. Prerequisite: Computer Science 530, 540, 550.

599. Computer Science Senior Seminar 3 semester hours
Designed to integrate knowledge at an advanced level, to review recent developments in theoretical and applied computer science, to explore ethical issues, and to gain experience in research and oral presentation. Prerequisite: consent of instructor.

## CRIMINAL JUSTICE (SCRJ)

321. Criminal Law 3 semester hours
The origin and development of criminal law in America. The course examines the basic elements of crime and defenses.

333. Community-Based Corrections 3 semester hours
The development and impact of community programs, halfway houses, group homes, work-release, and educational release programs, including the role of the community and citizens in the correctional process.

341. Sociology of Crime 3 semester hours
Social factors in the development, identification, and treatment of criminals. (Equivalent to Sociology 353.)

342. Crime in America 3 semester hours
The manifestations of crime, its victims, and societal control strategies. The correlates of crime and the collection and use of criminal statistics are discussed.

351. Juvenile Delinquency 3 semester hours
A survey of juvenile delinquency, its history, etiologies, manifestations, and extent. (Equivalent to Sociology 350.)

399. Independent Study 3 semester hours
May be repeated once with the consent of the advisor.

421. Court Administration 3 semester hours
The role of a court administrator through the judicial process, including juror selection, case calendaring, docket preparation, administrative procedures, and records. (Equivalent to Government 452.)

470. Criminal Justice Organization Theory 3 semester hours
An examination of the problems, processes, and theories of communication, decision making, and control in criminal justice agencies.

491. Selected Current Topics 3 semester hours
A seminar for advanced students. May be repeated once with the consent of the advisor. Prerequisite: consent of instructor.

521. Civil Rights and Civil Liberties 3 semester hours
A study of civil rights with particular emphasis upon freedom of religion, freedom of speech and association, due process, equal protection, and criminal procedure. May be taken independently of Government 550. Prerequisite: Government 201. (Equivalent to Government 551.)

571. Comparative Criminal Justice Systems 3 semester hours
The analysis of international criminal justice systems. Emphasis is upon legal foundations, current structures, and strategies of crime control. Prerequisite: senior standing and consent of instructor.

581. Criminal Justice Planning 3 semester hours
The history, function, and techniques of comprehensive planning in the criminal justice system, including the role of agency planners.

## ECONOMICS (SECO)

221. Principles of Macroeconomics 3 semester hours
An in-depth study of the causes and effects of changes in the economic aggregates, such as gross national product, personal income, unemployment, inflation, etc. The course should make the student more aware of the role of the economics in contemporary society and the effect of government monetary and fiscal policy on the functioning of a free-market system. Prerequisite: sophomore standing, or Mathematics 121 or equivalent.

222. Principles of Microeconomics 3 semester hours
An in-depth study of consumer demand, supply and price in a free-market system. The economics of the firm is studied within the context of different market structures. Prerequisite: sophomore standing, or Mathematics 121 or equivalent.

291. Probability and Statistics 3 semester hours
Basic concepts of probability, probability distributions, and sampling theory. Prerequisite: Mathematics 121 and 122.

292. Statistical Inference 3 semester hours
Basic methods of statistical inference including additional topics in hypothesis testing, some linear statistical models, and time series analysis. Prerequisite: Economics 291.

Note: Students not majoring in Business Administration must have the consent of the instructor before enrolling in the 300-level or above courses.

301. Commercial and Central Banking 3 semester hours
A study of the history, structure, functions, and operations of our commercial and central banking systems. Emphasis is placed on the influence and operations of the Federal Reserve System. Prerequisite: Economics 221, 222.

311. Issues in Economics 3 semester hours
The nature and causes of major economic problems facing the nation and its communities and policy alternatives designed to solve them. The philosophy and methodology of economics in social problem solving are discussed. Prerequisite: Economics 221 or equivalent.

321. Intermediate Microeconomic Theory 3 semester hours
Analysis of neo-classical value and distribution theory. Prerequisite: Economics 221, 222.

322. Intermediate Macroeconomic Theory 3 semester hours
Analysis of income and employment theory. Prerequisite: Economics 221, 222.

499. Topics in Economics 3 semester hours
A course of intensive study in selected areas of economics. The major topic varies depending on available staff and the interests of students. This course may be repeated for credit. Prerequisite: Economics 221, 222 and junior standing or consent of instructor.

503. International Economics 3 semester hours
A study of the theory of international specialization and exchange, the making of intransactions to national income. An introductory survey is provided to the network, composition and sources of world trade. Prerequisite: Economics 221, 222.

**524. Essentials of Economics** 3 semester hours
A course designed to acquaint students with the principles of operation of the American economic system. The course is designed to meet the needs of education majors and social studies teachers. Not available for business administration majors.

**526. Managerial Economics** 3 semester hours
A study of the application of the economic theory of profits, competition, demand, and costs to analysis of problems arising in the firm and in decision making. Price policies, forecasting, and investment decisions are among the topics considered. Prerequisite: Economics 221, 222, 291, 292.

**594. Introduction to Econometrics** 3 semester hours
An introduction to the measurement, specification, estimation, and interpretation of the functional relationships through single equation least squares techniques. Problems of multicolinearity, dummy variables, heteroscedasticity, autocorrelation, and lagged variables in simple economic models are introduced. Prerequisite: Economics 292 or equivalent.

## EDUCATION

### Curriculum and Instruction (SEDC)

**137. Microcomputer in Education** 1 semester hour
An introduction to the uses of microcomputers in education including the use and evaluation of courseware, LOGO, and Superpilot. Prerequisite or corequisite: Computer Science 130.

**400. Resources for Teaching** 1 semester hour
A laboratory course in the construction of classroom materials and the use of audiovisual equipment. Prerequisite: SEDL 441 and SEDR 514, Corequisite: SEDL 410, 446, 447, 448, SEDR 516.

**500. Classroom Management and Teaching** 3 semester hours
This course examines the microcosm of the classroom with emphasis upon classroom management, teacher leadership styles, and causes of discipline problems in the schools. Prerequisites: SEDF 321 and two of the following--SEDF 333, 334, 335 or consent of instructor.

**555. Resources for Teaching and Learning** 3 semester hours
An introduction to educational technology, its increasing importance in the total school program, and its relationship to learning theories and communication. Emphasis is placed upon a practical survey of media and materials as they facilitate the teaching-learning process.

**111, 211. Practicum in Education** **1 semester hour each**
A sequence of supervised practicum experiences in various types of educational settings. Seminar and group discussions included. Pass-fail credit. SEDE 310 is taught in conjunction with SEDF 333.

**210. Practicum in Education** **1 semester hour**
A sequence of supervised practicum experiences in various types of educational settings. Seminars and group discussions included. Pass-fail credit. SEDE 210 is taught in conjunction with SEDF 321. Prerequisite: SEDE 111, Corequisite: SEDF 321.

**310. Practicum in Education** **1 semester hour**
A sequence of supervised practicum experiences in various types of educational settings. Seminars and group discussions included. Pass-fail credit. SEDE 310 is taught in conjunction with SEDF 333. Corequisite: SEDF 333.

**311. Practicum in Education** **1 semester hour**
A sequence of supervised practicum experiences in various types of educational settings. Seminars and group discussions included. Pass-fail credit. SEDE 311 is taught in conjunction with SEDE 341. Prerequisite: SEDE 310, Corequisite: SEDE 341.

**341. Educational Procedures for Exceptional Children** **3 semester hours**
Theoretical and practical approaches to the education of the young, exceptional child are explored. Emphasis is placed on application of current remedial procedures for exceptional children. Alternative administrative arrangements and sources of academic therapy are also discussed. Prerequisite: admission to the professional program or consent of instructor. Corequisite: SEDE 311.

**410. Practicum in Education** **1 semester hour**
A sequence of supervised practicum experiences in various types of educational settings. Seminars and group discussions included. Pass-fail credit. SEDE 410 is taught in conjunction with SEDE 542. Prerequisite: SEDE 311, Corequisite: SEDE 542.

**469. Directed Teaching in Early Childhood Education** — 15 semester hours

A full semester of supervised clinical experiences, including 7 two-hour and 3 day-long seminars and workshops for students who are preparing to teach in early childhood education settings. The directed experience includes half a semester in a kindergarten and half a semester in grades 1-4. The content of the seminars includes the exploration of ethical issues, experience in research through the analysis and evaluation of teaching, and oral presentation of research results. Prerequisite: Approval of the Teacher Education Admissions Committee.

**542. Early Childhood Curriculum** — 3 semester hours

This course is designed for prospective teachers who will work in the nursery, kindergarten and primary grades. Attention is given to learning activities, materials, and equipment suitable for teaching at this level. Emphasis is given to appropriate methods and the assessment of readiness and maturation of children ages three through eight and to the relationship of various subject areas to the general educational development of the child. Prerequisite: admission to the professional program.

**547. Language Development and Communicative Skill** — 3 semester hours

This course deals with the relationship of language development and thinking to teaching the communicative skills to young children. Specific areas covered are activities designed to develop oral language facility, writing (handwriting, spelling, functional, and creative writing), and listening. Also, specific techniques dealing with diagnosis of language development are handled. Prerequisite: admission to the professional program or consent of instructors.

**548. Math for the Young Child** — 2 semester hours

Materials and programs for teaching mathematics to the young child. Students gain knowledge of the methods and theories of developing mathematics programs. Students also gain competence in the selection, preparation, and presentation of materials, and techniques of presentation. Prerequisite: admission to the professional program or consent of instructor.

**549. Science for the Young Child** — 2 semester hours

Materials and programs for teaching science to the young child. Students gain knowledge of the methods and theories of developing science programs. Students also gain skill in selection, preparation, and presentation of materials and techniques of presentation. Prerequisite: admission to the professional program or consent of instructor.

550. Social Studies for the Young Child 2 semester hours
This course deals with the selection and appropriate utilization of social science concepts, facilitation of development in this area, applications of these concepts to social problems and socialization of children. Prerequisite: admission to the professional program or consent of instructor.

Elementary Education (SEDL)

110. Elementary Practicum 1 semester hour
A practicum experience in elementary, middle school, and secondary settings. This course provides in-school experience working with children and teachers. Topics covered are: observation techniques, child behavior, teacher behavior, curriculum instructional materials, career choice and state requirements for certification. Seminars and group discussions included through biweekly meetings. Fifteen hours of observation and/or other duties in public settings required. Pass-fail credit.

210. Elementary Practicum 1 semester hour
A practicum experience in elementary and middle school settings. This course provides in-school experience working with children and teachers. This course covers the following topics: social, political, economic, and philosophical influence upon the schools as reflected in school practice. Seminars and group discussions included through biweekly meetings. Fifteen hours of observation and/or other duties in public schools required. Pass-Fail credit. Taught in conjunction with SEDF 321.

310. Elementary Practicum 1 semester hour
A practicum experience in elementary and middle school settings. This course provides an opportunity to conduct a case study of an elementary student. This case study reflects an ability to observe and analyze data concerning the social, emotional, physical, and intellectual growth of children. Seminars and group discussions included through biweekly meetings. Fifteen hours of observation and/or other duties in public schools required. Pass-Fail credit. Taught in conjunction with SEDF 333. Prerequisite: SEDL 210, Corequisite: 333.

311. Elementary Practicum 1 semester hour
A practicum experience in elementary and middle school settings where children with special needs are taught. This course covers the following topics: assessment, diagnosis, prescription, and instruction of children with special needs. Students are provided an opportunity to teach specific skills to students with special needs. Seminars and group discussions are included through biweekly meetings. Fifteen hours of observation and/or other duties in public school required. Pass-Fail credit.

**410. Elementary Practicum** **1 semester hour**
A practicum experience in elementary and middle school settings. Seminars and group discussions included in biweekly meetings. This course is designed to provide the opportunity to practice teaching strategies with small groups of students. Students demonstrate selected strategies in language arts, science, social studies, and mathematics. Fifteen hours of observation and teaching required. Pass-Fail credit. Taught in conjunction with the elementary block (SEDL 445, 446, 447, 448 and SEDC 400). Prerequisite: SEDL 441 and SEDR 514, Corequisite: SEDL 410, 445, 446, 447, 448, SEDC 400, and SEDR 516.

**441. The Elementary School Curriculum and Organization** **3 semester hours**
Study of the entire school program, including grouping, grading, placement, and organization of both the children and the school for optimal learning. Prerequisite: SEDF 333 and 335, Corequisite: SEDR 514.

**442. Resources for Teaching in the Elementary School** **3 semester hours**
A laboratory course in the study and construction of modern classroom materials. Emphasis is placed upon a practical survey of media and materials that facilitate the teaching-learning process.

**445. Teaching Language Arts in the Elementary and Middle School** **2 semester hours**
Materials, programs, and methods for teaching language arts in the elementary and middle schools. Prerequisite: SEDL 441 and SEDR 514, Corequisite: SEDL 410, 446, 447, 448, SEDC 400, and SEDR 516.

**446. Teaching Mathematics in the Elementary and Middle School** **2 semester hours**
Materials, programs, and methods for teaching mathematics in the elementary and middle schools. Prerequisite: SEDL 441 and SEDR 541, Corequisite: SEDL 410, 445, 447, 448, SEDC 400 and SEDR 516.

**447. Teaching Social Studies in the Elementary and Middle School** **2 semester hours**
Materials, programs, and methods for teaching social studies in the elementary and middle school. Prerequisite: SEDL 441 and SEDR 514, Corequisite: SEDL 410, 445, 446, 448, SEDC 400, and SEDR 516.

**448. Teaching Science in the Elementary and Middle School** **2 semester hours**
Materials, program, and methods for teaching science in the elementary and middle schools. Prerequisite: SEDL 441 and SEDR 514, Corequisite: SEDL 410, 445, 446, 447, SEDC 400, and SEDR 516.

**470. Directed Teaching in the Elementary and Middle School** — **15 semester hours**

A full semester of supervised clinical experiences, including 7 two-hour and 3 day-long seminars and workshops for students who are preparing to teach in elementary and middle school settings. The directed experience includes half a semester in grades 1-3 and half a semester in grades 4-8. The content of the seminars includes the exploration of ethical issues, experience in research through the analysis and evaluation of teaching, and oral presentation of research results. Approval by the Teacher Education Admissions Committee.

## Foundations of Education (SEDF)

**321. Dynamics of American Education** — **3 semester hours**

Extensive treatment of the social, political, economic, and philosophical influences that have shaped formal education in the U.S. Analysis of the financial, organizational, and legal aspects of education. Taught in conjunction with SEDE 210, SEDL 210, and SEDS 210.

**333. Introduction to Child Growth and Development** — **3 semester hours**

Basic course designed to familiarize the prospective teacher with the patterns of social, emotional, physical, and intellectual growth and development of children from the prenatal stage to the onset of adolescence. Taught in conjunction with SEDE 310 and SEDL 310.

**334. Introduction to Adolescent Growth and Development** — **3 semester hours**

Basic course designed to familiarize the prospective junior and senior high school teacher with the patterns of social, emotional, physical, and intellectual growth and development of individuals during their adolescent years. Taught in conjunction with SEDS 311.

**335. Introduction to Educational Psychology** — **3 semester hours**

Applications of the psychology of learning and motivation. Special attention to basic statistical procedures and to the behavior of the school child.

## Middle School Education (SEDM)

**431. Curriculum and Organization of the Middle School** 3 semester hours

A study of the curriculum and organizational structure of the emerging middle school. Emphasis is placed on identifying and meeting the needs of the early adolescent. Skills are developed using a three-dimensional theoretical matrix comprising research results based on (1) generalizations drawn from research, (2) foundations of curriculum, and (3) organizational patterns. Prerequisite: SEDF 333, 334, admission to the professional program.

**437. Methods and Materials of Teaching in the Middle School** 3 semester hours

A course to implement middle school curriculum skills through mastery of a variety of teaching methods and through the use of media. Students demonstrate, through micro-teaching, a mastery of various models of teaching and identify and evaluate middle school media. Prerequisite: SEDF 321, 333-334, SEDE 431, admission to the professional program.

## Reading Education (SEDR)

**514. Teaching of Reading in the Elementary School** 3 semester hours

A basic course emphasizing the psychological, sociological, physiological, and pedagogical factors underlying the process of reading. It stresses the development of basic strategies for teaching word recognition and comprehension skills at all levels of instruction in the elementary school. Includes specific techniques in identifying and planning for individual instructional needs. A minimum of ten hours of observation in the classroom is required. Prerequisite: SEDF 333, 335.

**516. Diagnosis and Correction of Reading Disabilities** 3 semester hours

This clinical and lecture course emphasizes diagnosis and remedial procedures for the teaching of reading. Students gain practice in diagnostic procedures and interpretation of results. Students study, select, and prepare materials and techniques to correct reading deficiences.

**518. Reading in the Secondary School** 3 semester hours

The place of reading instruction in high school, the programming of special services in reading instruction, methods of teaching basic and developmental reading skills, and case studies of programs. Demonstrations of tests and devices. Prerequisite: SEDF 334.

**210, 211, 311. Practicum in Education** **1 semester hour each**
A sequence of supervised practicum experiences in various types of educational settings. Seminars and group discussions included. Pass-fail credit. Taught in conjunction with SEDF 334.

**446. Secondary School Curriculum** **3 semester hours**
The organization, historical context, foundations for curriculum development, process of curriculum planning, design of the curriculum, and strategy of curriculum change in the secondary school. Open only to juniors and seniors or graduates completing certification requirements. Prerequisite: Physical Education majors, SEDF 321, 333, 334, or consent of instructor; Secondary Education majors, SEDF 321, 334, 335, or consent of instructor.

**447–453. Teaching in High School** **3 semester hours each**
Students select the appropriate course involving a study of methods, techniques, and materials of instruction appropriate to the subject matter taught in high school.

447 Teaching in High School (English)
449 Teaching in High School (History and Social Studies)
450 Teaching in High School (Mathematics)
451 Teaching in High School (Physical Education)
452 Teaching in High School (Distributive Education)
453 Teaching in High School (Natural Science)

**473–481. Directed Teaching in High School** **15 semester hours each**
A full semester of supervised clinical experiences, including 7 two-hour and 3 day-long seminars and workshops for students who are preparing to teach in middle and high school settings. The directed experience includes half a semester in a middle school and half a semester in a high school in the student's academic area. The content of the seminars includes the exploration of ethical issues, experience in research through the analysis and evaluation of teaching, and oral presentation of research results.

473 Directed Teaching in High School (English)
475 Directed Teaching in High School (History and Social Studies)
478 Directed Teaching in High School (Mathematics)
480 Directed Teaching in High School (Distributive Education)
481 Directed Teaching in High School (Natural Science)

ENGINEERING (SENG)

110. Introduction to Engineering 3 semester hours
Basic concepts of engineering with related problems. Introductory computer programming. Study of the engineering curriculum.

200. Statics 3 semester hours
Introduction to the principles of mechanics. Equilibrium of particles and rigid bodies. Distributed forces, centroids and centers of gravity. Moments of inertia of areas. Analysis of simple structures and machines. A study of various types of friction. Prerequisite: Mathematics 141.

210. Dynamics 3 semester hours
Kinematics of particles and rigid bodies. Kinetics of particles with emphasis of Newton's second law; energy and momentum methods for the solution of problems. Applications of plane motion of rigid bodies. Prerequisite: Engineering 200.

211. Digital Logic Design 3 semester hours
Number systems and discrete codes. Boolean algebra and forms of Boolean expressions; logic, logic elements, and logical design; practical applications of logical design. Models of sequential systems, completely and incompletely specified sequential systems completely and incompletely specified sequential circuits, synchronous and asynchronous circuit design. Prerequisite: Engineering 110, Mathematics 142.

220. Circuit Analysis 3 semester hours
Passive circuits and network analysis; ideal circuit elements and the mathematical model; the steady-state and transient solutions; impedance and admittance concepts; resonance; Kirchoff's laws, mesh and node equations, and network theorems. Prerequisite: Mathematics 142.

260. Introduction to Mechanics of Solids 3 semester hours
This course considers concepts of stress and strain; stress analysis of basic structural members; consideration of combined stress, including Mohr's circle; introductory level analysis of deflection; buckling of columns. Prerequisite: Engineering 200, Mathematics 241.

290. Thermodynamic Fundamentals 3 semester hours
Definitions, work, heat, and energy. First law analysis of systems and control volumes. Second law analysis. Prerequisite: Mathematics 241.

360. Fluid Mechanics 3 semester hours
Static properties of fluids are introduced with definitions, basic concepts, and measuring techniques. Fluid flow introduces continuity conditions, streamline flows, thermodynamic relations, and Euler's equation of motion. Applications of dimensional analysis are made. Steady State laminar and turbulent flow are studied for different boundary conditions. Compressible flow is introduced. Prerequisite: Engineering 210.

371. Engineering Materials 3 semester hours
A study of the microstructure of materials, including atomic structure, interatomic forces and the structure of crystalline and non-crystalline materials. Phase diagrams, phase changes and macrostructure of materials. Properties of engineering materials.

## ENGLISH LANGUAGE AND LITERATURE (SEGL)

Note: Advanced standing in freshman English classes is achieved by a number of methods, including Educational Testing Service Advanced Placement examinations and the English Placement Examination administered to all in-coming USCS freshmen. For details on English placement in special circumstances, consult the Chairperson, Division of Fine Arts, Languages, and Literature.

100. Basic Writing 3 semester hours
A course in basic writing skills with closely supervised practice in writing the sentence, the paragraph, and the theme, with intensive review of spelling, grammar, punctuation, and mechanics. May not be used to satisfy any English requirement.

101. Composition 3 semester hours
A course in the composing process with attention to invention, arrangement, and style, and closely supervised practice in reading and in writing essays.

102. Composition and Literature 3 semester hours
A course in the writing of expository and critical essays with an introduction to literature and including a research paper. Honors section offered.

Note: The completion of English 101 and 102 (or equivalent) is prerequisite to enrollment in the following courses. Only those courses that are numbered above 300 may count toward a major in English. In special circumstances, with the approval of the department, a graduate student may enroll in some courses numbered above 500 and receive graduate credit by doing additional work. For a listing of graduate courses see the Graduate Studies Catalog for the University of South Carolina.

**245. Effective English** 3 semester hours
This course is designed to acquaint students further with the fundamentals of English usage and the resources of the language, and to enable them to write with a degree of grace and effectiveness.

**275. Masterpieces of World Literature** 3 semester hours
Selections from the literature of Western and non-Western cultures from ancient times through the seventeenth century.

**276. Masterpieces of World Literature II** 3 semester hours
Selections from the literature of Western and non-Western cultures from the eighteenth century to modern times.

**279. Survey of American Literature I** 3 semester hours
A survey of the writings of American authors from colonial times to 1860.

**280. Survey of American Literature II** 3 semester hours
A survey of American poetry, drama, and prose from 1860 to the present.

**289. Survey of British Literature I** 3 semester hours
A study of British poetry, drama, and prose from the Old English Period to 1800.

**290. Survey of British Literature II** 3 semester hours
A survey of British poetry, drama, and prose from 1800 to the present.

**291. Black American Literature** 3 semester hours
A survey of writings by black American authors. The course may include works from several genres; or it may, in a given semester, be restricted to a specific genre, such as poetry, fiction, or drama.

**319. Development of the Novel** 3 semester hours
A study of the development of the novel as an art form. The course includes a generous sampling of major European and American novels.

**322. Contemporary Literature** 3 semester hours
A survey of prose, poetry, and drama written in the second half of the twentieth century.

**395. Narrative Poetry, Epic and Heroic** 3 semester hours
Selected readings (in translation) of the epic and heroic poetry of Europe. These selections may include: Homer's **Iliad** and **Odyssey**, Virgil's **Aeneid**, **Beowulf**, **The Song of Roland**, **The Epic of the Cid**, Milton's **Paradise Lost**, and others.

398. Studies in Language and Literature 3 semester hours
Intensive study of selected topics in English or American literature.

399. Independent Study. 1-6 semester hours

400. A Survey of Early English Literature 3 semester hours
A survey of Old and Middle English works in translation.

401. Chaucer 3 semester hours
Chaucer's works, with special attention to The Canterbury Tales.

407. Shakespearean Drama 3 semester hours
A study of selected plays by Shakespeare.

409. English Literature, 1500-1660 3 semester hours
A study of the poetry and prose of major Renaissance and Commonwealth writers.

411. English Literature, 1660-1800 3 semester hours
A study of the poetry, prose, and drama of Restoration and 18th century writers.

417. Romanticism 3 semester hours
A study of the 18th century transition from Classicism to Romanticism, and the 19th century masters: Wordsworth, Coleridge, Byron, Shelley, and Keats.

419. Victorian Literature 3 semester hours
A study of the poetry and prose of major Victorian writers.

423. British Literature, 1900-1950 3 semester hours
This survey of the literature of the first half of the twentieth century includes representative readings from major poets, dramatists, and fiction writers.

425. American Literature, Beginnings to 1830 3 semester hours
A study of writing in colonial and revolutionary America, with special attention to literary types and to the influence of religion and politics on these types.

426. American Literature, 1830-1865 3 semester hours
Readings of representative works of Poe, Hawthorne, Melville, Emerson, Thoreau, Whitman, Longfellow, Holmes, Lowell, and others.

427. American Literature, 1865-1910 3 semester hours
Readings in representative works of Dickinson, Twain, Howells, James, Norris, Crane, Dreiser, Adams, and others.

**428. American Literature, 1910-1950** **3 semester hours**
Readings of representative poets, dramatists, and fiction writers of the period.

**435. The Short Story** **3 semester hours**
A study of the characteristics of the short story as a type, with references to its historical development in America and Europe.

**447. Southern Literature** **3 semester hours**
An historical and critical survey of selected works of Simms, Lanier, Cable, Harris, Wolfe, Faulkner, O'Connor, Johnson, Wright, McCullers, and other Southern writers.

**451. Introduction to the Study of Language** **3 semester hours**
An introduction to general principles in the design and function of human language. Illustrative material is drawn from English and modern European languages, as well as others.

**453. Development of the English Language** **3 semester hours**
A course for those who would like to know something of the history of the English language. No previous knowledge of Old or Middle English is required. The course considers such questions as: How did language originate? In what ways does a language change? How is a dictionary made? What causes the meaning of a word to change?

**455. Language Study Applications** **3 semester hours**
A study of applied linguistics providing increased awareness of the power of language and suggesting methodology for increasing language usage, dialects, general semantics, propaganda techniques, non-verbal communication (body language) and application of grammatical analysis to improvements of effective communication.

**459. Advanced Rhetoric and Composition** **3 semester hours**
A study of the theory and principles of rhetoric and their history and development from classical Greece to the present, and the application of these principles in the student's own thinking and writing.

**468. a, b Creative Writing** **3 semester hours**
A course in the writing of non-fiction, fiction, drama, and poetry. May be taken as English 468b for 3 additional hours credit with consent of the division chair. Prerequisite: English 102 and consent of instructor.

**483. Theory of Literary Criticism** **3 semester hours**
Various theories of literary criticism with the aim of establishing standards of judgment. The course includes practice in criticizing literary works, including the several types.

**484. Children's Literature** **3 semester hours**
A course in reading and reporting on representative works in children's literature appropriate for the elementary school child. Required of all students specializing in Elementary Education.

**485. Adolescent Literature** **3 semester hours**
A study of the characterization of adolescents in literature and of the historical development of the writing of literary works expressly for the adolescent readers.

**490. Senior Seminar** **3 semester hours**
Reading and research on selected topics designed to integrate knowledge, to explore ethical issues, and to gain experience in research and oral presentation. Prerequisite: for majors; must be taken first semester of senior year.

**526. Computer Methods for Humanistic Problems** **3 semester hours**
Introduction to data processing concepts suitable for research interests in non-numerical areas such as the humanities. Orientation to data processing equipment and computers. Logic, flow-charting, list-processing, programming languages. Analysis of appropriate computer-assisted research projects. Prerequisite: consent of instructor. (Equivalent to Computer Science 508.)

**526P. Laboratory for Computer Methods for Humanistic Problems** **1 semester hour**
Broad but intensive introduction to computer systems and programming for students in the humanities. No mathematical or scientific background is presumed. Laboratory experience with data processing equipment. Introduction to elementary digital computer programming in an appropriate language. Corequisite: English 526. (Equivalent to Computer Science 508L.)

## FOREIGN LANGUAGES AND LITERATURES

**Note:** Unless otherwise noted, readings, lectures and discussion in foreign language courses above the elementary level are principally in the language concerned.

Exemption policy: Incoming students with previous experience in a foreign language may take the placement test. If placed above the 201 level (3rd semester) they have the choice of: (1) being exempted from the foreign language requirements with no credit, or (2) taking foreign language 202 or 205, and upon passing the course with at least a "C," receive 8 semester hours toward graduation for 101 and 102.

French (SFRN)

101. Introductory French I — 4 semester hours
Fundamentals of the language through speaking, aural comprehension, reading, and writing.

102. Introductory French II — 4 semester hours
Fundamentals of the language through speaking, aural comprehension, reading, and writing. A continuation of French 101.

103. Introductory Reading in Business and Technical French — 3 semester hours
A course designed specifically to help students to interpret basic written material in business and science.

104. French Culture — 3 semester hours
A study of the French culture identity through major artistic, literary, and historical movements from the Middle Ages to modern times. Taught in English.

201, 202. Intermediate French — 3 semester hours each
Review of the basic principles of grammar, with emphasis on reading, writing, and oral skills.

205. Elementary French Conversation — 3 semester hours
Intensive oral training in French through conversation groups, speeches, oral presentations, oral drills, and vocabulary development. Prerequisite: French 102.

305. Intermediate French Conversation — 3 semester hours
A continuation of French 205. The emphasis is put on idiomatic vocabulary development and acquisition of fluency through oral presentations and conversation groups.

German (SGRM)

101. Introductory German I — 4 semester hours
Fundamentals of the language through reading, aural comprehension, speaking, and writing.

102. Introductory German II — 4 semester hours
Fundamentals of the language through reading, aural comprehension, speaking, and writing. A continuation of German 101.

103. Introductory Reading in Business and Technical German — 3 semester hours
A course designed specifically to help students to interpret basic written material in business and science.

104. German Culture 3 semester hours
A study of the German cultural identity through major artistic, literary, and historical movements from the Middle Ages to modern times. Taught in English.

201, 202. Intermediate German 3 semester hours each
Review of the basic principles of grammar, with emphasis on reading, writing, and oral skills.

205. Elementary German Conversation 3 semester hours
Intensive oral training in German through conversation groups, speeches, oral presentation, oral drills, and vocabulary development.

Japanese (SJPN)

101. Introductory Japanese I 4 semester hours
Fundamentals of the language through speaking, aural comprehension, reading, and writing.

102. Introductory Japanese II 4 semester hours
Fundamentals of the language through speaking, aural comprehension, reading and writing. A continuation of Japanese 101. Prerequisite: SJPN 101.

104. Introduction to Japanese Culture 3 semester hours
A study of the Japanese cultural identity through major artistic, literarary and historical movements from the ancient to the modern times. Emphasis will be placed on modern Japan. Taught in English.

201. Intermediate Japanese 3 semester hours
Review of the basic principles of grammar, with emphasis on reading, writing, and oral skills. Prerequisites: SJPN 101 and SJPN 102.

Spanish (SSPN)

101. Introductory Spanish I 4 semester hours
Fundamentals of the language through speaking, aural comprehension, reading, and writing.

102. Introductory Spanish II 4 semester hours
Fundamentals of the language through speaking, aural comprehension, reading, and writing. A continuation of Spanish 101.

104. Hispanic Culture 3 semester hours
A study of the Hispanic cultural identity through major artistic, literary, and historical movements from the Middle Ages to modern times. Taught in English.

201, 202. Intermediate Spanish 3 semester hours each
Review of the basic principles of grammar, stressing reading and oral skills.

205. Elementary Spanish Conversation 3 semester hours
Intensive oral training in Spanish through conversation groups, speeches, oral presentations, oral drills, and vocabulary development. Prerequisite: Spanish 102.

209. Spanish Grammar and Composition 3 semester hours
Analysis of fundamental elements of the language and exercises in composition. Prerequisite: Spanish 202 or consent of instructor.

## FRENCH

See Foreign Languages and Literature.

## GENERAL STUDIES (SGST)

121. Effective Reading I 3 semester hours
A course for developing and improving skills in reading, vocabulary, and study techniques. Admission to the course is by placement test and by advising.

122. Effective Reading II 3 semester hours
This course continues the work of General Studies 121 on reading comprehension and vocabulary development. In addition, students practice employing a flexible and appropriate reading rate for different types of reading material (i.e., novel, history, psychology, newspaper, etc.). Prerequisite: General Studies 121.

299. Independent Study 1–6 semester hours
Prerequisite: junior standing or consent of division chairperson.

## GEOGRAPHY (SGEG)

103. Introduction to Geography 3 semester hours
A survey of the principles and methods of geographical inquiry.

121. Principles of Regional Geography 4 semester hours
Description of the regional method and a analysis of the region forming processes. Emphasis is placed on the construction of local regions and the interpretation of regional constructs. Three lectures and one two-hour laboratory per week.

201. Introduction to Physical Geography 4 semester hours
The spatial significance of land forms, water bodies, and soils. Emphasis is placed on both the man-land relationship and the concept of location. Three lectures and one two-hour laboratory per week.

202. Introduction to Weather and Climate 4 semester hours
The interrelationship of weather elements and controls and the spatial distribution of climate and vegetation. Three lectures and one two-hour laboratory per week.

212. Introduction to Economic Geography 3 semester hours
Factors in location and production of commodities, commerce, and manufacturing.

340. Geography of Population, Settlement, and Migration 3 semester hours
The study of population distributions, the patterns of settlement, and the various kinds of population movements. (Equivalent to Sociology 315.)

424. Geography of North America 3 semester hours
Physical and cultural geography of North America with emphasis on the United States.

GEOLOGY (SGEL)

101. Physical Geology 4 semester hours
This course illustrates the methods and procedures of science as they are applied to interpret the earth. The technical subject matter is concerned as much with natural processes as with their products--the minerals, rocks, fossils, structure and surface forms of the earth. The course emphasizes the interplay between hypothesis, experiment, and observable fact that characterizes productive physical science. Three lecture and three laboratory hours each each.

102. Historical Geology 4 semester hours
The practice of geology as an historical science with emphasis on the methods of analysis, nature of the record, and guiding principles that have allowed geologists to decipher the history of the earth. Three lecture and three laboratory hours each week.

103. Environmental Earth Science 4 semester hours
Analysis of the basic energy cycles of the earth. The interaction of human activity with earth processes to affect the environment. Three lectures and three laboratory hours each week.

GERMAN
See Foreign Languages and Literature.

GOVERNMENT AND INTERNATIONAL STUDIES (SGIS)

201. American National Government 3 semester hours
The formation and development of the national government, its organization and powers.

301. Introduction to Political Science 3 semester hours
This course is an introduction to ideas important in the study of politics. Topics discussed are concepts of power and the nature of the state. Specific ideas on the organization and proper function of government are examined including: totalitarianism, fascism, socialism, communism, liberalism, and pluralism.

310. International Politics 3 semester hours
An introduction to the basic factors influencing nation-state behavior in the world: the nation-state system, nationalism and imperialism, national power, the present world crisis. The role of the United States in the world community is emphasized.

315. Theories of International Relations 3 semester hours
The ideas and works of leading theorists of international relations. Stress is placed on the special role these theories and theorists have played and continue to play in shaping and guiding the policies of statesmen.

320. Comparative Politics 3 semester hours
An introduction to the analysis of the major types of political systems utilizing examples drawn from democratic, communist, and underdeveloped nation-states. Problems, approaches, and methods associated with the comparative field are emphasized.

330. International Organization 3 semester hours
An introduction to the structure and functions of international political and economic organizations. Particular attention is given to the United Nations and its specialized agencies and to emerging regional communities.

340. The Conduct and Formulation of United States Foreign Policy 3 semester hours
A analysis of how contemporary United States foreign policy is made and conducted.

341. Contemporary United States Foreign Policy 3 semester hours
A critical analysis of selected problems of United States foreign policy.

360. American Political Parties 3 semester hours
This course examines the functions, history, and future of political parties in the United States. The course emphasizes the development of political parties and the consequences of that development upon the party as an organization, the party as an electorate, and the party in the government.

361. Political Behavior 3 semester hours
This course deals with political participation in the United States. It emphasizes the different possible kinds of participation (interest groups, political protest, contacting officials, voting, running for office), who participates and why, and the consequences of participation for policy decisions and for society.

363. Southern Politics 3 semester hours
Selected political patterns and trends within the eleven states of the American South. Historical developments with the central focus on Southern politics since 1950 are considered.

**364. State and Local Government 3 semester hours**
A study of the institutions, functions, and policymaking processes, and politics of state and local governments. An examination of the relations between state and local government. An examination of the relations between state and local government and the national government.

370. Introduction to Public Administration 3 semester hours
A study of the basic principles and theory of administrative structure, responsibility, and control in relation to policymaking in the modern state.

**374. Introduction to Public Policy 3 semester hours**
Examination of social, political, and technical forces in policymaking. Various theories of public policy as well as selected policy areas are covered. Current policy issues are also included and integrated into the larger theories of decision making.

385. American Political Thought 3 semester hours
This course surveys American political theorists from the colonial period to the present. The course examines the social, cultural, historical, and scientific developments that have contributed to the nature of American political thinking.

399. Independent Study 1-6 semester hours
Prerequisite: prior approval by the instructor who supervises the project.

**401. History of Political Thought** **3 semester hours**
A theoretical treatment of the purposes and functions of the state through an examination of political philosophers from Machiavelli to Hegel.

447. Foreign Policies of Selected Powers 3 semester hours
A comparative examination of the foreign policy processes of the major powers in the international system. Attention is given to structures involved in the formulation of policy and divergent policies directed to functional issues such as nuclear controls, environmental issues, and economic assistance.

**452. The Judicial Process** **3 semester hours**
A study of the growth of law, the lawmaking of the courts, the structure and organization of federal and state courts, the procedures involved in civil and criminal cases, and the problems and proposals for reform in the administration of justice. (Equivalent to Criminal Justice 421.)

**462. The Legislative Process** **3 semester hours**
A study of the structure, organization, powers, functions, and problems of legislative bodies.

463. The American President 3 semester hours
The constitutional powers and political roles of the American President with lesser emphasis upon state governors. The course examines the chief executive and administration, executive relationships with legislatures, and party and popular leadership by the executive.

491. Topics in Government and International Studies 1-3 semester hours
May be repeated once as topics change.

**500. Senior Seminar** **3 semester hours**
This course explores at an advanced level issues, topics, and dilemmas in both the subject matter and the professions of history and government. Emphasis is on research and oral presentation of research findings. The specific topics covered in the course vary depending upon the instructor. Prerequisites: 12 hours of history, government, or a combination, at the 300-level or above, or consent of instructor. (Equivalent to History 500).

501. South Carolina Politics 3 semester hours
A survey of the history and the development of politics in South Carolina with special emphasis upon the post-World War II period. Prerequisite: Government 201.

**550. Constitutional Law** 3 semester hours
A study of the evolution of governmental powers focusing on the judiciary, the Presidency, congress, the states, and intergovernmental relations. Prerequisite: Government 201.

551. Civil Rights and Civil Liberties 3 semester hours
A study of civil rights with particular emphasis upon freedom of religion, freedom of speech and association, due process, equal protection, and criminal procedure. May be taken independently of Government 550. Prerequisite: Government 201. (Equivalent to Criminal Justice 521.)

571. Public Financial Administration 3 semester hours
Principles and practices of financial administration including organization, budgeting, assessment, treasury management, and debt.

572. Public Personnel Management 3 semester hours
Fundamental principles of personnel organization and administration, including an analysis of personnel techniques.

HEALTH EDUCATION

**221. Personal and Community Health** 3 semester hours
A course incorporating the principles of personal hygiene, including the physiological systems of the body with emphasis on mental, sexual, nutritional, safety, and environmental education and communicable deseases.

**235. First Aid and Emergency Preparedness** 3 semester hours
Emphasis upon preparing school personnel to act responsibly in emergency situations. (Includes the American National Red Cross standard and advanced First Aid instruction.)

**331. Health And Education for the Elementary School Child** 2 semester hours
Methods and materials for elementary schools. Integration and correlation of materials with school subjects at both primary and intermediate grade levels.

434. Health Education 3 semester hours
Methods of teaching health with special emphasis on the relationship of health to physical education. Health service, healthful school living, and methods and materials of teaching health. Prerequisite: Health Education 221, Biology 232 and 242.

HISTORY (SHST)

101, 102. Introduction to European Civilization 3 semester hours each
A two semester sequence which surveys the rise and development of European civilization from its Mediterranean origins to the present day. The first semester concentrates on the achievements of classical and medieval Europe to 1648 while the second semester focuses upon modern times. History 102 may be taken independently of 101 or before enrolling in 101.

110. Introduction to American History 3 semester hours
An interpretation of the major characteristics of American society and the forces which have influenced its evolution from its American Indian origins to thirteen colonies to industrial-based world power.

111. An Introduction to Western Civilization 3 semester hours
A survey of the major developments and characteristics of Western civilization in Europe and the Americas, with major emphasis upon the period from the Renaissance to the present.

112. An Introduction to Non-Western Civilizations 3 semester hours
A survey of the major developments and characteristics of non-Western civilizations and cultures in Asia, Africa, and the Americas.

201, 202. History of the United States From Discovery to the Present Day 3 semester hours each
A general survey of the United States from the era of discovery to the present, emphasizing major political, economic, social, and intellectual developments.

316. Nineteenth Century Europe 3 semester hours
A history of political, economic, social, and cultural changes in Europe in the Nineteenth Century. Prerequisite: any 100 or 200-level history course or the consent of the instructor.

317. Europe from World War I to World War II 3 semester hours
The history of Europe from World War to World War II. Prerequisite: any 100 or 200-level history course or the consent of the instructor.

318. Europe from World War II to the Present 3 semester hours
The history of Europe from World War II to the present. Prerequisite: any 100 or 200-level history course or the consent of the instructor.

320. The History of Great Britain 3 semester hours
The history of the political, economic, social, and cultural development of England from Anglo-Saxon times to the Glorious Revolution. Prerequisite: any 100 or 200-level history course or the consent of the instructor.

321. The History of Great Britain 3 semester hours
The history of the political, economic, social, and cultural development of England since the Glorious Revolution (1688). Prerequisite: any 100 or 200-level history course or the consent of the instructor.

325. England Under the Tudors, 1485-1603 3 semester hours
Political, cultural, and intellectual life during the English Renaissance and Reformation. Prerequisite: any 100 or 200-level history course or consent of instructor.

326. England Under the Stuarts, 1603-1688 3 semester hours
Political, intellectual and cultural developments from James I to Queen Anne. Prerequisite: any 100 or 200-level history course or consent of instructor.

327. Great Britain under the Hanoverians, 1714-1815 3 semester hours
Constitutional developments in the 18th century, the Whig ascendancy, the impact of the Industrial, American, and French Revolutions, and Britain's rise to world power. Prerequisite: any 100 or 200-level history course or consent of instructor.

328. Nineteenth Century Britain, 1815-1900 3 semester hours
The political, economic, and social history of Great Britain and Ireland in the Victorian Age. Prerequisite: any 100 or 200-level history course or consent of instructor.

333. The Sections and the Nation, 1828-1860 3 semester hours
A study of the three cultures of East, South, and West, their interactions, and the events leading to the Civil War. Prerequisite: any 100 or 200-level history course or consent of instructor.

340. The New South, 1865-1946 3 semester hours
A study of reconstruction, the Bourbon era, agrarian revolt, industrial revolution, racial problems, and the changes resulting from the impact of two World Wars and the New Deal. Prerequisite: any 100 or 200-level history course or consent of instructor.

341. Germany Since 1914 3 semester hours
A study of Germany from the First World War through the Weimar Republic and the Third Reich to the development of East and West Germany. Prerequisite: any 100 or 200-level history course or consent of instructor.

344. History of Russia 3 semester hours
A study of Russia and the Soviet Union since 1900, including political, economic, social, and cultural developments. Prerequisite: any 100 or 200-level history course or consent of instructor.

351. Africa to 1800 3 semester hours
Traditional culture, early civilizaqtions, rise of Islam, Sudanic empires, slave trade era. Prerequisite: Any 100 or 200-level history course or consent of instructor.

352. Africa Since 1800 3 semester hours
Commerical and religious revolutions of the 19th century, partition, colonial rule, post-independence, South Africa. Prerequisite: Any 100 or 200-level history course or consent of instructor.

356. History of China 3 semester hours
A study of the cultural, economic, social, and political development of China. Emphasis is placed on the transformation of traditional Chinese society from 1644 to the present. Prerequisite: any 100 or 200-level history course or consent of instructor.

357. History of India 3 semester hours
A study of the cultural, economic, social, and political development of India. Emphasis is placed on Hindu and Islamic influences, the rise of nationalism during the period of British rule, and post-independence India. Prerequisite: any 100 or 200-level history course or consent of instructor.

358. History of Japan 3 semester hours
A study of the cultural, economic, social, and political development of Japan. Emphasis is placed on the transformation of traditional Japanese society from 1600 to the present. Prerequisite: any 100 or 200-level history course or consent of instructor.

364. The Expansion of Europe to 1800 3 semester hours
Topics in Europe's political, economic, and cultural expansion outside of Europe; the establishment of colonial and commercial empires. Prerequisite: any 100 or 200-level history course or consent of instructor.

365. The Expansion of Europe Since 1800 3 semester hours
The era of free trade, the new "imperialism," twentieth-century colonialism, the rise of nationalism, independence. Prerequisite: any 100 or 200-level history course or consent of instructor.

399. Independent Study 1-6 semester hours

401. Historical Research 3 semester hours
A study of the writing of famous historians of the past combined with practice in research methodology and the writing of a senior thesis. Prerequisite: any 100 or 200-level history course or consent of instructor.

402. The New Nation, 1789-1828 3 semester hours
An examination of the new republic and the developing democratic spirit in politics and culture. Prerequisite: any 100 or 200-level history course or consent of instructor.

404. Civil War and Reconstruction, 1860-1877 3 semester hours
The political, military, and social history of the War and the reorganization which followed. Prerequisite: any 100 or 200-level history course of consent of instructor.

405. The Rise of Industrial America, 1877-1917 3 semester hours
A survey of recent United States history with emphasis on the economic, social, and literary developments from 1877 to 1917. Prerequisite: any 100 or 200-level history course or consent of isntructor.

406. The United States and a World at War, 1917-1945 3 semester hours
A survey of the political, economic, social, and cultural developments of the period. Prerequisite: any 100 or 200-level history course or consent of instructor.

407. United States History Since 1945 3 semester hours
A survey of the political, economic, social, and cultural developments in the period after World War II. Prerequisite: any 100 or 200-level history course or consent of instructor.

411. History of South Carolina, 1670 to the present 3 semester hours
A study of the origins and development of South Carolina from colonial times to the present. The course will emphasize the unique role the state played in the nation's history. Prerequisite: any 100 or 200-level history course or consent of instructor.

461. American Thought and Social Policy Since 1865 — 3 semester hours
An investigation and consideration of the main aspects of American thought--political, economic, social, religious, aesthetic, and scientific--with reference to the national institutions of the post-1865 period. Prerequisite: any 100 or 200-level history course or consent of instructor.

492. Current Events — 1-3 semester hours
Reading and research on selected topics in current history. Prerequisite: any 100 or 200-level history course or consent of instructor.

493, 494, 495. Topics in History — 3 semester hours each
Reading and research on selected historical subjects. Prerequisite: any 100 or 200-level history course or consent of instructor.

500. Senior Seminar — 3 semester hours
This course explores at an advanced level issues, topics, and dilemmas in both the subject matter and the professions of history and government. Emphasis is on research and oral presentation of research findings. The specific topics covered in the course vary depending upon the instructor. Prerequisites: 12 hours of history, government, or a combination, at the 300-level or above, or consent of instructor. (Equivalent to Government 500).

INTERNATIONAL STUDIES
See Government and International Studies

JAPANESE
See Foreign Languages and Literature.

JOURNALISM (SJOU)

301. Communication Theory and Research — 3 semester hours
An introduction to the theories of communications, the nature of scientific investigation, and how both figure in the process called mass communication. Two lecture and two laboratory hours per week.

302. History and Philosophy of Mass Media — 3 semester hours
Development of the mass media in the United States from colonial times to the present. Special emphasis is placed on the social, cultural, political, and economic aspects of American history, and on their effect on the growth of the mass media.

303. Law and Ethics of the Mass Media 3 semester hours
South Carolina and national law as it relates to mass communications. The course also examines ethics relating to the journalistic profession.

310. Mass Media and Society 3 semester hours
A broad overview of the function and influence of newspapers, magazines, broadcasting, advertising, and public relations.

325. Radio Programming and Production 3 semester hours
A study of the techniques and procedures in the creation, production, and direction of radio programs. Prerequisite: Journalism 301.

326. Television Programming and Production 3 semester hours
A study of the techniques and procedures in the creation, production, and direction of television programs. Prerequisite: Journalism 301.

328. Public Relations and Persuasion 3 semester hours
An analysis of how business, government, consumer groups, minorities, environmentalists, and others work to influence public attitudes toward their activities and to win understanding and support in the public opinion forum.

333. Copy Editing 3 semester hours
The special skills and techniques required in preparing stories for publication. Laboratory work includes editing of various kinds of copy and writing headlines. Lecture and laboratory. Prerequisite: Journalism 301.

335. Reporting 3 semester hours
Skills and techniques necessary for covering specific news assignments with close attention to writing under deadline pressure. Includes interview practice, lecture, and laboratory.

LOGIC (SLGC)

205. Introduction to Logic and Rhetoric 3 semester hours
This course instructs students in applications of rhetoric and informal logic. Written texts, primarily published essays and articles, are analyzed for content and method of presentation. Moreover, techniques are introduced for both identifying and evaluating reasoning as it occurs in natural language uses. Students are expected to produce critical essays of their own, demonstrating first-hand knowledge of the techniques of careful reading and clear writing. Two lecture and one laboratory hour per week. Prerequisite: English 102 or equivalent. (Equivalent to University 301.)

207. Deductive Logic 3 semester hours
This course examines the nature of arguments expressing deductive inferences. The student learns to evaluate deductive inferences by applying a system of natural deduction with the propositional calculus. Additional topics include the nature of axiomatic systems and important metatheorems of such deductive systems. This course is recommended especially for students in mathematics, linguistics, computer science, and pre-law. Prerequisite: Logic 205 or consent of instructor.

208. Inductive Logic 3 semester hours
This course examines the nature of arguments expressing inductive inferences. Topics include the problem of induction, the probability calculus, the logic of experimentation, statistical inference, and decision-making models. This course is recommended for students in the natural and social sciences. Prerequisite: Logic 205 or consent of instructor.

## MATHEMATICS (SMTH)

Note: Students who have not successfully completed high school algebra should begin mathematics courses with Mathematics 100. High school students who have had only Algebra I should begin with Mathematics 119. The next mathematics course that should be taken depends upon whether or not the student is majoring in the natural or computer sciences.

Students Majoring in Natural or Computer Science. Students majoring in the natural or computer sciences who (1) have either successfully completed high school Algebra I and II or Mathematics 100 and Mathematics 119, or (2) who have 3 years of college prepartory mathematics should begin with Mathematics 125. After successful completion of Mathematics 125, they should take Mathematics 141. Students who have successfully completed high school Algebra I and II and trigonometry should begin with Mathematics 141.

Students Not Majoring in Natural or Computer Science. Students not majoring in the natural sciences who have successfully completed high school Algebra I and II should begin with Mathematics 121. After successful completion of Mathematics 121, non-science majors should take either Mathematics 122 or Mathematics 201. Elementary education majors should take Mathematics 501 and 502 after the successful completion of Mathematics 121.

100. Introduction to Elementary Mathematics 3 semester hours
Topics include review of arithmetic. Algebra. (Cannot be used for satisfying any mathematics requirements.) Equivalent to high school algebra I.

**119. Elementary College Algebra** 3 semester hours
Study of signed numbers, basic number theory, polynomials and rational functions (factoring), equations and word problems (including mixture problems), exponents (roots and radicals), and graphing. (Cannot be used as degree credit in any science or in lieu of any degree requirement in Business Administration.) Prerequisite: High School Algebra I, Mathematics 100, or consent of instructor.

**121. Mathematical Analysis I** 3 semester hours
Basic ideas of elementary algebra. Subsets of the cartesian plane; polynomial, rational exponential, logarithmic, and other functions. Matrices. Series necessary for the study of compound interest and annuities. Prerequisite: High school Algebra I and II or Mathematics 119.

**122. Mathematical Analysis II** 3 semester hours
Derivatives and integrals of elementary algebraic, exponential and logarithmic functions. Maxima, minima, rate of change, area under a curve, and volume. Problems and examples are drawn from a variety of areas, including economics, psychology, biology, geography, and geology. Prerequisite: Mathematics 121, eligibility for exemption of Mathematics 121 or Mathematics 125.

**125. Precalculus Mathematics** 4 semester hours
Topics in algebra and trigonometry specifically needed for Mathematics 141, 142, 241. Subsets of the real number line. Polynomial, rational, absolute value, inverse, exponential and logarithmic relations and functions. Conic sections. Analytic trigonometry. Prerequisite: three years of college preparatory mathematics.

**141. Calculus I** 4 semester hours
Brief review of real numbers, sets, inequalities, absolute value, elementary analytic geometry. Functions, limits, continuity, the derivative, the definite integral, techniques of differentiation and integration with applications. Maxima and minima of function. Applications in the physical sciences and engineering. Prerequisite: four years college preparatory mathematics including trigonometry or equivalent.

**142. Calculus II** 4 semester hours
Logarithmic and exponential functions, trigonometric and inverse trigonometric functions, advanced techniques of integration, indeterminate forms, improper integrals, infinite sequences and series. Prerequisite: Mathematics 141.

198. Seminar in Strategies of Problem Solving 1 semester hour
An introduction to mathematical probing and experimentation in problem solving. The principle of mathematical induction is presented and used. Various strategies of problem-solving are developed according to the following scenario: analysis (by diagram, if possible, by examining special cases), exploration (by considering equivalent, slightly modified, or broadly modified problems), and verification of results. Attention is also given to the language and logic necessary for the communication of the solution of a problem. Prerequisite or Corequisite: Mathematics 141.

201. Elementary Statistics 3 semester hours
An introductory course in the fundamentals of modern statistical methods, descriptive and inferential statistics, probability and sampling. Primarily for students in fields other than mathematics who need a working knowledge of statistics. Prerequisite: high school Algebra I and II or equivalent.

241. Multivariable Calculus 4 semester hours
Vector algebra; geometry of three dimensional space, curves in space; polar, cylindrical, and spherical coordinate systems; partial differentiation, multiple integration; vector calculus. Introduction to differential equations. Prerequisite: Mathematics 142.

242. Elementary Differential Equations 3 semester hours
Ordinary differential equations of first order, higher order linear equations, Laplace transform methods, series methods; numerical solution of differential equations. Applications to the physical sciences and engineering. Knowledge of FORTRAN or BASIC programming is desirable. Prerequisite: Mathematics 142.

315. Statistical Methods I 3 semester hours
The concepts and methods of statistics with emphasis on applications for those who desire a working knowledge of statistics. A review of probability, sampling, and descriptive statistics is followed by a study of estimation of population parameters, testing statistical hypotheses, regression and correlation, and non-parametric statistical tests. Prerequisite: Mathematics 201 or Economics 291 or Sociology 230 or Psychology 225 or consent of instructor.

399. Independent Study 1-9 semester hours

501. Basic Concepts of Elementary Mathematics 3 semester hours
The meaning of number, fundamental operations of arithmetic, the structure of the real number system and its subsystems, elementary number theory. Open only to students in early childhood and elementary education. Prerequisite: Mathematics 121 or consent of instructor.

502. Basic Concepts of Elementary Mathematics 3 semester hours
Informal geometry and basic concepts of algebra. Open only to students in early childhood and elementary education. Prerequisite: Mathematics 501.

516. Statistical Methods II 3 semester hours
Topics include experimental design, analysis of variance, analysis of covariance, multiple linear regression, and curvilinear regression. Prerequisite: Mathematics 315 or consent of instructor.

531. Foundations of Geometry 3 semester hours
The study of geometry as a logical system based upon postulates and undefined terms. The fundamental concepts and relations of Euclidean geometry are developed rigorously on the basis of a set of postulates. Some topics from non-Euclidean geometry. Prerequisite: Mathematics 241 or consent of instructor.

543. Algebraic Structures I 3 semester hours
Sets, mappings, equivalence relations, elementary properties of semigroups, groups, rings, field. Prerequisite: Mathematics 241 or consent of instructor.

544. Applied Linear Algebra 3 semester hours
This course emphasizes direct and indirect methods of computation for solving systems of linear equations, for evaluating determinants, for determining eigenvalues and eigenvectors, and for inverting matrices. Prerequisite: Mathematics 241 or consent of instructor.

550. Discrete Mathematics for Computer Science 3 semester hours
Introduction to mathematical tools for use in computer science: mathematical models, reasoning, sets, binary relations, functions, counting, analysis of algorithms, infinite sets, algebras. Prerequisite: Mathematics 141 and Computer Science 240. (Equivalent to Computer Science 550.)

554. Introduction to Analysis I 3 semester hours
Theory of functions of one variable; limits, continuity; differentiation; integration; Taylor series, power series; sequences and series of functions. Prerequisite: Mathematics 241.

560. Numerical Analysis I 3 semester hours
Difference calculus. Direct and iterative techniques for matrix inversion. Eigenvalue problems. Numerical solutions of initial value problems in ordinary differential equations. Stability. Error analysis. Laboratory applications. Prerequisite: Mathematics 242, 544, and programming competency. (Equivalent to Computer Science 560.)

599. Seminar in Mathematics 3 semester hours
Designed to integrate knowledge of recent developments in pure and applied mathematics at an advanced level, to explore ethical issues, and to gain experience in research and oral presentation. Prerequisite: consent of instructor.

## MILITARY SCIENCE (SMIL)

### Basic Program

111. Introduction to ROTC and Marksmanship 1 semester hour
In addition to orienting students to military rank structure and army organization, this course provides introduction to basic rifle marksmanship and familiarization with selected weapons currently used by the U.S. Army. The student is taught the fundamentals of marksmanship, assembly and disassembly of military weapons, and the procedures used to safely operate a military or civilian rifle range.

112. Introduction to ROTC and Mountaineering 1 semester hour
This course strives to provide the student with a better understanding of the military system through explanation of the Army's role in conjunction with the National Guard and Reserve. Further, the Soviet threat is explored and introduction to mountaineering skills is provided.

211. Basic Military Skills I 2 semester hours
This course is designed to build on the student's knowledge gained during MS Level 1. Topics to be presented include fundamentals of first aid, communications, nuclear, chemical, and biological warfare, and leadership. Bi-monthly laboratory.

212. Basic Military Skills II 2 semester hours
The purpose of this course is to expose the students to more advanced soldier skills to enable them to enter the contract phase better prepared and more knowledgeable. Topics include physical readiness training, basic map reading, U.S. Army weapons, military aircraft, and marksmanship. Bi-monthly laboratory.

Advanced Program

Note: Military Science offers a Basic Program and an Advanced Program. Satisfactory completion of six semester hours in the Basic Program, 90 contact hours in ROTC activities, substitute military experience, or three years of JROTC may qualify the student for the Advanced Program. Successful completion of the Advanced Program, together with a college degree, qualifies the graduate for either a Reserve or Regular commission as a Second Lieutenant in the United States Army. Advanced Program students are required to participate in the weekly Military Science Lab. Students in the Basic Program are encouraged to participate in the department's adventure training.

301. Military Science 3 semester hours
This three hour course presents a complete course in map reading and navigation. Students study and identify the duties of each member of a rifle squad, the techniques used in tactical movement, and operation of equipment found in a platoon. Basic first aid to include C.P.R. and Nuclear, Biological, and Chemical (N.B.C.) treatment. Communications training to include radio-telephone procedures for PRC-77 Radio, TA-312 telephone, and C.E.O.I.

302. Military Science 3 semester hours
Students learn the basic military skills to successfully complete Advanced Camp. Those skills include Nuclear, Biological, and Chemical treatment, First Aid, Communications, L.A.W., Claymore, calls for fire, M16, M60, and P.O.W. processing. Branches of the Army are presented to help the cadet make a better selection at the MS IV level. Map reading is quickly reviewed and pre-camp briefings are conducted.

401. Military Science 3 semester hours
A study of the U.S. Army training management system, ethics and professionalism command and staff functions, military briefings, the information paper, military justice, the law of war, and Army logistics. Students plan and conduct weekly leadership laboratories and a field training exercise for Military Science 301 students. Mandatory laboratory.

402. Military Science 3 semester hours
This course completes the military science requirements for commissioning the students into the U.S. Army. Subjects include personnel management, counseling, military correspondence, planning meetings, military intelligence, Army customs and courtesies, training management, and 20th century American military history. Students plan and conduct weekly leadership laboratories and two field training exercies for Military Science 302 students. Mandatory laboratory.

## MUSIC

### Music Education (SMUE)

165, 166. Class Voice (Basic) 2 semester hours each
Elementary course in singing in which both group and individual techniques are employed. Emphasis on the study of voice production and principles of singing. Two meetings and two laboratory periods each week.

454. Music for Young Children 3 semester hours
Emphasis on such topics as the place of music in the education of young children, free and dramatic interpretation of music, listening and rhythmic activity, and rhythm instruments. Designed for elementary school teachers. Three meetings and one laboratory period each week.

### Music History and Literature (SMUS)

110. Introduction to Music 3 semester hours
A course open to all students who are interested in gaining a comprehensive appreciation of music through intelligent listening. Representative masterpieces of the various periods of musical composition are studied. Emphasis on correlation of music to other arts. Suitable books and musical materials are recommended for elementary and high school teachers. No previous study of music is required. Three meetings a week and one laboratory period.

129. University Chorus 0–1 semester hour
Large or mixed choir. Open to all enrolled students and members of the faculty and staff. No audition. No previous experience necessary.

130. Contemporary Music Workshop 1 semester hour
A course designed to give instrumentalists, vocalists, composers, and arrangers an opportunity to expand their talents through performance activities. The workshop allows students to receive credit for performance experience.

155, 156. Group Piano 2 semester hours

301. Selected Topics in Music 3 semester hours
Reading and research on selected topics in music.

## NURSING

### Associate Degree in Nursing (SANU)

131. Fundamentals of Nursing 6 semester hours
A foundation course for students in nursing. Fundamental concepts and technical skills are developed. Various community health agencies are used for clinical experience. Three class hours and nine laboratory hours per week.

133. Nursing in Health Maintenance and Family Development 8 semester hours
Nursing in Health Maintenance and Family Development is a study of the components of physical and mental health as they relate to the family unit. The major focus is on the normal aspects of maternal and newborn health and the impact of surgery on the family unit. Complications of maternal and newborn health are included. Pharmacology is an additional focus with emphasis on calculation and administration of drugs. Clinical nursing experiences and observation are provided through hospitals, physicians' offices, clinics, and other community agencies. Four class hours and twelve laboratory hours per week. Prerequisites: Nursing 131 and Biology 232.

134. Introduction to Nursing in Physical and Mental Illness 3 semester hours
Introductory course in the study of nursing care of patients with physical and mental health problems at various ages. It builds upon nursing knowledge and techniques given in the first year of the curriculum. The major focus of the course is the nature of illness as it relates to the patient's response to disease conditions and as it presents a problem for nursing. Clinical learning experiences in nursing care of patients are provided through various health agencies. Five class hours and twelve laboratory hours per week. Prerequisite: Nursing 131, 133.

231. Nursing in Physical and Mental Illness I 9 semester hours
A study of major physical and mental health problems, acute and long-term, occurring among children and adults. Current methods of treatment are investigated as these affect and raise implications for nursing practice. Clinical nursing experiences in the care of patients with acute and long-term health problems and nursing needs are provided through hospitals, clinics, and other community agencies. Five class hours and twelve laboratory hours per week. Prerequisite: Nursing 131, 133, 134.

232. Nursing in Physical and Mental Illness II 9 semester hours
A continuation of the study of major physical and mental health problems, acute and long-term, occurring among children and adults. Current methods of treatment are investigated as these affect and raise implications for nursing practice. Clinical nursing experiences in the care of patients with acute and long-term health problems and nursing needs are provided through hospitals, clinics, and other community agencies. Five class hours and twelve laboratory hours per week. Prerequisite: Nursing 131, 133, 134.

234. Nursing Seminar 3 semester hours
Exploration of the opportunities and needs for registered nurse practice. The patterns of organized nursing services, the legal and professional nursing problems, and the nurse's responsibilities to nursing and society. Three class hours per week. Prerequisite: satisfactory sophomore standing.

Baccalaureate Degree in Professional Nursing (SBSN)

201. Normal Nutrition 2 credit hours
A study of the normal nutritional needs of individuals and groups. Includes basic food groups, nutrients, differing requirements throughout the life span, factors related to nutritional practices, and health promotion strategies. Two computer-assisted instruction hours (or one class hour) and two seminar hours per week. Prerequisite: Chemistry 102, sophomore standing.

202. Pharmacology 2 credit hours
A study of medication for the use of therapeutic effects. Principles of drug absorption, action, and effects are discussed with emphasis on pharmacotherapeutics, drug dosage computation, and drug administration. Two computer-assisted instruction hours (or one class hour) and two campus laboratory hours per week. Prerequisite: Chemistry 101, 102, Mathematics 121, sophomore standing in nursing. Pre- or co-requisite: Biology 232.

221. Concepts of Professional Nursing 2 credit hours
An introduction to the study of professional nursing practice. Nursing theories, roles, process, and professional practice issues are examined as they relate to human beings, their environment, their, health states, and their adaptive capacities. Two class hours per week. Prerequisite: Sophomore standing in nursing. Prerequisite or corequisite: Nursing 201, Nursing 202, Biology 232.

241. Strategies for Nursing Action I 3 credit hours
An introduction to strategies for nursing action with adult clients having minor pathological or chronic health problems. Included are theories, principles, and skills necessary for application of the nursing process to assist human beings to meet their basic needs. Prerequisite: Nursing 201, 202, 221, Chemistry 102, Biology 232. Prerequisite or corequisite: Biology 242. Corequisite: Nursing 231L.

241L. Strategies for Nursing Action I Practicum — 2 credit hours
A clinical laboratory practicum for Nursing 231. Emphasis is on application of the nursing process in the delivery of nursing care with adult clients having minor pathological or chronic health problems. Campus laboratories provide the arena for acquisition of knowledge and psychomotor skills, and selected secondary care settings provide for the application of knowledge and skills to direct nursing care. Six laboratory hours per week. Corequisite: Nursing 231.

290. Seminar in Self-Perception — 2 credit hours
An exploration of historical and contemporary self perception theories related to awareness of self through bodily states, behavior, and interaction with others. Course content includes theory and small group experiences. Group dynamic and group process theory serve as models to examine small group interactions. Prerequisite: Sophomore standing, Psychology 101, or consent of instructor.

310. Nursing Appraisal — 1 credit hour
An introduction to nursing appraisal skills. The assessment phase of the nursing process is expanded to include beginning proficiency in obtaining a client history and performing nursing appraisal of the well client. Theory and techniques related to nursing appraisal are presented. One class hour per week. Prerequisite: Junior standing in nursing, or consent of instructor. Corequisite: Nursing 310L.

310L. Nursing Appraisal Practicum — 1 credit hour
A campus laboratory practicum for Nursing 310. It provides students the opportunity to apply theory and technique of beginning level nursing appraisal skills to detect and describe normal findings in healthy individuals. Three campus laboratory hours per week. Corequisite: Nursing 310.

331. Strategies for Nursing Action II — 3 credit hours
Through the nursing process, selected acute and chronic health problems of adult clients are explored. Clients' adaptive capacities to internal and external stressors are discussed. Three class hours per week. Prerequisite: Junior standing in nursing. Prerequisite or corequisite: Nursing 310, 310L, Biology 330. Corequisite: Nursing 331L.

331L. Strategies for Nursing Action II Practicum — 4 credit hours
A clinical laboratory practicum for Nursing 331. Emphasis is on application of the nursing process with adult clients having acute or chronic health problems that require medical or surgical intervention within secondary care settings. Twelve laboratory hours per week. Corequisite: Nursing 331.

341. Strategies for Nursing Action III 3 credit hours
Through the nursing process, selected health needs and problems of the family as a growing unit are explored. Effects of normal childbirth, and maternal and child health problems of the individual and family are discussed. Emphasis is on the health teaching and promotion of healthy adaptive responses with individuals and families. Three class hours per week. Prerequisite: Junior standing in nursing. Prerequisite or corequisite: Sociology 305, Nursing 310, 310L, Biology 330. Corequisite: Nursing 341L.

341L. Strategies for Nursing Action III Practicum 4 credit hours
A clinical laboratory practicum for Nursing 341. Emphasis is on the application of the nursing process with clients and families in maternal and child health secondary care settings. Provides opportunity for students to participate in health teaching and health promotion activities. Twelve laboratory hours per week. Corequisite: Nursing 341.

431. Strategies for Nursing Action IV. 2 credit hours
An integrated approach to nursing care at the advanced secondary and beginning tertiary levels. Emphasis is on the expanded use of decision making in the use of the nursing process with clients having life-threatening health problems. Health restoration is discussed as it relates to clients' and families' adaptive capacities. Two class hours per week. Prerequisite: Biology 370, Senior standing in nursing. Corequisite: Nursing 431L.

431L. Strategies for Nursing Action IV Practicum 2 credit hours
A clinical laboratory practicum for Nursing 431. Emphasis is on the application of the nursing process with clients having life-threatening health problems in critical care settings. Six laboratory hours per week. Corequisite: Nursing 431.

441. Dynamics of Psychiatric Community Mental Health Nursing 3 credit hours
A study of psychiatric community mental health nursing. Through the nursing process, individual clients, groups, families, and communities experiencing mental health problems are explored. Emphasis is on the therapeutic nurse-client relationship, selected mental health problems, and theories and principles of psychiatric mental health nursing practice. Promotion of mental health and prevention of mental illness are stressed. 3 class hours per week. Prequisite: Senior standing in nursing. Corequisite: Nursing 441L.

441L. Dynamics of Psychiatric Community Mental Health Nursing Practicum 4 credit hours
A clinical laboratory practicum for Nursing 441. Emphasis is on the application of the nursing process, knowledge, and skills with individual clients, groups, families, and communities experiencing real or potential mental health problems. Laboratory experiences include secondary and primary care settings. Twelve laboratory hours per week. Corequisite: Nursing 441.

450. Leadership in Nursing Practice 3 credit hours
A study of the principles of leadership and management as they relate to the role of the professional nurse as provider of client care services. Emphasis is on first-level management and on the leadership, change agent, client advocate, and collaborative roles of the beginning generalist professional nurse practitioner. Three class hours per week. Prerequisite: Senior standing in nursing.

461. Dynamics of Family and Community Health Nursing 3 credit hours
A study of the components of community health nursing within the context of the individual, family, and community as client. Focus is on the use of the nursing process with clients across the life span in community settings. Course content includes theory related to community agency structure, community resources, the scientific tools of the community health nurse, and selected health problems specific to urban and rural communities. Three class hours per week. Prerequisite: Nursing 431, 431L. Corequisite: Nursing 461L.

461L. Dynamics of Family and Community Health Nursing Practicum 4 credit hours
A clinical laboratory practicum for Nursing 461. Emphasis is on the application of the nursing process with clients across the life span in community settings. Community assessment, health promotion, and rehabilitation roles of the professional nurse are explored. Twelve laboratory hours per week. Corequisite: Nursing 461.

490. Nursing Practice: Search and Research 3 credit hours
An introduction to basic terminology, methods, and elements of research with emphasis on the application of research findings to professional nursing practice. Students develop a research proposal and apply the critical thinking process to critique selected nursing research studies. Two class hours and two seminar hours per week. Prerequisite: Senior standing in nursing. Corequisite: Nursing elective.

**495. Health Care for the Hospitalized Person** **1 credit hour**
This course allows for development of a student's special interest in nursing practice with hospitalized clients. Course content focuses on changing roles of the nurse in the hospital setting, examination of research issues as they effect nursing practice, effects of bureaucracy on client care, and planning of client care services. One class hour per week. Prerequisite: Senior standing in final semester of nursing major. Corequisite: Nursing 490, Nursing 495L.

**495L. Health Care for the Hospitalized Person Practicum** **2 credit hours**
A clinical laboratory practicum for Nursing 495. It provides an opportunity for synthesis of knowledge and skills in the application of the nursing process for innovative client care within the hospital setting. Students select a practice area from primary, secondary, or tertiary care settings within a hospital. Six laboratory hours per week. Corequisite: Nursing 495.

**496. Health Care for the Industrial Worker** **1 credit hour**
This course allows for development of a student's special interest in nursing practice in occupational health. Course content includes exploration of the role of the professional nurse in a community-wide health team, examination of research applicable to occupational health nursing, health problems common to industry, and planning of health services. One class hour per week. Prerequisite: Senior standing in final semester of nursing major. Corequisite: Nursing 490, Nursing 496L.

**496L. Health Care for the Industrial Worker Practicum** **2 credit hours**
A clinical laboratory practicum for Nursing 496. It provides an opportunity for synthesis of knowledge and skills in the application of the nursing process with clients in industrial settings. Six laboratory hours per week. Corequisite: Nursing 496.

**497. Health Care for the Older Person** **1 credit hour**
This course allows for development of a student's special interest in nursing practice with the older population. Consideration is given to the role of the professional nurse in a community-wide health team, health problems specific to older persons, examination of nursing research issues, and community resources and activities for the older population. One class hour per week. Prerequisite: Senior standing in final semester of nursing major. Corequisite: Nursing 490, Nursing 497L.

497L. Health Care for the Older Person Practicum 2 credit hours
A clinical laboratory practicum for Nursing 497. It provides opportunity for synthesis of knowledge and skills in the application of the nursing process with older clients in primary care settings. Six laboratory hours per week. Corequisite: Nursing 497.

498. Health Care for the School Population 1 credit hour
This course allows for development of a student's special interest in nursing practice in school health. Content explores the role of the professional nurse in a community-wide health team, health problems particular to the school population, examination of research issues in school health nursing, and planning of health promotion activities. One class hour per week. Prerequisite: Senior standing in final semester of nursing major. Corequisite: Nursing 490, Nursing 498L.

498L. Health Care for the School Population Practicum 2 credit hours
A clinical laboratory practicum for Nursing 498. It provides opportunity for synthesis of knowledge and skills in the application of the nursing process with clients in school settings. Six laboratory hours per week. Corequisite: Nursing 498.

499. Senior Seminar 2 credit hours
A synthesizing experience which fosters integration of knowledge at an advanced level through examination of ethical, legal, and professional issues and their impact on nursing and health care. One class hour and two seminar hours per week. Prerequisite: Senior standing in nursing, or consent of instructor.

Baccalaureate Degree in Professional Nursing (SNUR)

310. Nursing Appraisal 1 semester hour
This course is an introduction to nursing appraisal skills. Emphasis is placed on the assessment phase of the nursing process as students acquire beginning proficiency in obtaining a client history and in performing nursing appraisal of the well client. Theory and techniques related to nursing appraisal are presented. One class hour per week. Prerequisite: Junior standing in nursing or consent of instructor. Corequisite: Nursing 310L.

310L. Nursing Appraisal Practicum 1 semester hour
This is a campus laboratory practicum for Nursing 310. It provides students the opportunity to apply theory and techniques of beginning level nursing appraisal skills to detect and describe normal findings in healthy clients. Three campus laboratory hours per week. Corequisite: Nursing 310.

321. Concepts of Professional Nursing 2 semester hours
This is an introductory course providing the frame of reference upon which the nursing program is based. It is an integrated approach to beginning primary nursing care focusing on the total health of the client. Content includes the nursing process roles of the professional nurse, adaptation in man, and application of nursing appraisal skills with individuals and families. Two class hours per week. Prerequisite or Corequisite: Junior standing in nursing, Nursing 310, 310L, Sociology 305. Corequisite: Nursing 321L.

321L. Concepts of Professional Nursing Practicum 1 semester hour
This is a clinical laboratory practicum for Nursing 321. Emphasis is on the application of the nursing process with clients having minor pathological health problems and well clients and families in primary care settings. Three laboratory hours per week. Corequisite: Nursing 321.

331. Strategies for Nursing Action I 3 semester hours
This is the first of a two-course sequence. It is an integrated approach to nursing care at the advanced secondary care level and deals with the use of decision making in the application of the nursing process. The focus is on health restoration and maintenance including health teaching and effective use of individual, family, and community resources. Three class hours per week. Prerequisite: Nursing 321, 321L. Corequisite: Nursing 331L.

331L. Strategies for Nursing Action I Practicum 2 semester hours
This is a clinical laboratory practicum for Nursing 331. Emphasis is on the application of the nursing process with clients having health problems in secondary care settings. Six laboratory hours per week, including a one hour of assessment on the day prior to the clinical laboratory. Corequisite: Nursing 331.

361. Dynamics of Family and Community Health Nursing I 2 semester hours
This course is a study of the components of community health nursing within the context of the family. The focus is on the use of the nursing process in community settings with childbearing families. Course content includes theory related to community agency structure, community resources, the scientific tools of the community health nurse, and specific community health problems of childbearing families. Two class hours per week. Prerequisite: Nursing 321, 321L, Corequisite: Nursing 361L.

361L. Dynamics of Family and Community Health Nursing I Practicum 2 semester hours
This is a clinical laboratory practicum for Nursing 361. Emphasis is on the application of the nursing process with childbearing families in a variety of community health settings. Six laboratory hours per week. Corequisite: Nursing 361.

390. Seminar in Self Perception 3 semester hours
This course presents theory related to self perception and provides the opportunity for personal growth experiences. Course content includes historical and contemporary self-perception theories related to awareness of self through bodily states, behavior, and interaction with others. Group dynamics and group process are used as a framework to analyze small group experiences. Three class hours per week. Prerequisite: Junior standing, Psychology 101, Psychology 302, or consent of instructor.

431. Strategies for Nursing Action II 2 semester hours
This course is the second of a two-course sequence. It is an integrated approach to nursing care at the advanced secondary and beginning tertiary care levels. It expands the use of decision making in the application of the nursing process. Emphasis is on restoration of clients having life-threatening health problems. Two class hours per week. Prerequisite: Nursing 331, 331L, Chemistry 102, Biology 370. Corequisite: Nursing 431L.

431L. Strategies for Nursing Action II Practicum 2 semester hours
This is a clinical laboratory practicum for Nursing 431. Emphasis is on application of the nursing process with clients having life-threatening health problems. Restoration of health is a major focus. Laboratory experiences for nursing practice are provided in critical care settings. Six laboratory hours per week, including a one hour of assessment on the day prior to the clinical laboratory. Corequisite: Nursing 431.

461. Dynamics of Family and Community Health Nursing II 2 semester hours
This course continues study of nursing and community health, focusing on the use of the nursing process with well families and families having complex chronic physical and mental health problems. Course content includes theory related to the community as a client, physical and mental health problems specific to urban and rural communities, health promotion and rehabilitation roles of the nurse in the community health setting. Two class hours per week. Prerequisite: Nursing 361, 361L, Chemistry 102, Biology 370. Corequisite: SNUR 461L.

461L. Dynamics of Family and Community Health Nursing II Practicum 2 semester hours
This is a clinical laboratory practicum for Nursing 461. Emphasis is on the application of the nursing process with well clients and clients having complex chronic physical and mental health problems in urban and rural community and community mental health settings. Six laboratory hours per week. Corequisite: Nursing 461.

490. Nursing Practice: Search and Research 2 semester hours
This course is an introduction to basic terminology, methods, and elements of research. It emphasizes the application of research findings to professional nursing practice. Students develop a research proposal and apply the critical thinking process to critique selected nursing research studies. One class hour and two seminar hours per week. Prerequisite: Nursing 431, 431L, 461, 461L. Corequisite: Nursing elective course and practicum. Prerequisite or corequisite: Psychology 225.

495. Health Care for the Hospitalized Person 1 semester hour
This course is designed to allow development of a student's special interest in nursing practice with hospitalized clients. Course content focuses on the role of the nurse in the hospital setting, application of research to nursing practice, effects of bureaucracy on client care, and principles of managment and leadership in nursing practice in hospital settings. One class hour per week. Prerequisite: Business Administration 371, Nursing 431, 431L, 461, 461L. Corequisite: Nursing 490, 495L.

495L. Health Care for the Hospitalized Person Practicum 2 semester hours
This is a clinical laboratory practicum for Nursing 495. It provides opportunity for students to apply the nursing process for innovative client care, explore the role of the nurse, examine nursing research issues, observe the effects of bureaucracy on client care, and use principles of first-level management and leadership in nursing practice with clients in primary, secondary, and tertiary care settings within the hospital. Six laboratory hours per week. Corequisite: Nursing 495.

496. Health Care for the Industrial Worker 1 semester hour
This course is designed to allow development of a student's special interest in nursing practice in occupational health. Course content includes the examination of the role of the nurse in a community-wide health team, research applicable to occupational health nursing, and principles of management and leadership as they apply to occupational health nurse. One class hour per week. Prerequisite: Business Administration 371, Nursing 431, 431L, 461, 461L. Corequisite: Nursing 490, 496L. Prerequisite or corequisite: elective.

**496L. Health Care for the Industrial Worker Practicum** **2 semester hours**

This is a clinical laboratory practicum for Nursing 496. It provides opportunity for students to apply the nursing process with clients in industrial settings, explore nursing roles, examine research issues, and apply principles of first level management and leadership as they relate to nursing practice with clients in occupational settings. Six laboratory hours per week. Corequisite: Nursing 496.

**497. Health Care for the Older Person** **1 semester hour**

This course is designed to allow development of a student's special interest in nursing practice with the older population. Consideration is given to the roles of the nurse in a community-wide health team, health problems specific to the older person, application of nursing research, and principles of management and leadership as related to nursing practice with the older client. One class hour per week. Prerequisite: Business Administration 371, Nursing 431, 431L, 461, 461L. Corequisite: Nursing 490, 497L. Prerequisite or Corequisite: elective

**497L. Health Care for the Older Person Practicum** **2 semester hours**

This is a clinical laboratory practicum for Nursing 497. It provides opportunity for students to apply the nursing process with the older client, explore nursing roles, examine application of nursing research, and apply principles of first level management and leadership as they relate to nursing practice with older clients in primary care settings. Six laboratory hours per week. Corequisite: Nursing 497.

**498. Health Care for the School Population** **1 semester hour**

This course is designed to allow development of a student's special interest in nursing practice in school health. The course allows for examination of the role of the nurse in a community-wide health team, health problems particular to the school population, applications of research, and principles of managment and leadership in nursing practice in school settings. One class hour per week. Prerequisite: Business Administration 371, Nursing 431, 431L, 461, 461L. Corequisite: Nursing 490, 498L. Prerequisite or Corequisite: elective.

**498L. Health Care for the School Population Practicum** **2 semester hours**

This is a clinical laboratory practicum for Nursing 498. It provides the opportunity for students to apply the nursing process with clients in a school population, explore nursing roles, examine research issues, and apply principles of first-level management and leadership in school settings. Six laboratory hours per week. Corequisite: Nursing 498.

**499. Senior Seminar** 2 semester hours
A synthesizing experience which fosters integration of knowledge at an advanced level through examination of ethical, legal, and professional issues and their impact on nursing and health care. One class hour and two seminar hours per week. Prerequisite: Senior standing in nursing or consent of instructor.

## PHILOSOPHY (SPHL)

**102. Introduction to Philosophy** 3 semester hours
An introduction to the main problems of philosophy and its methods of inquiry, analysis, and criticism. Works of important philosophers are read.

**201. History of Ancient Philosophy** 3 semester hours
An introduction to the development of philosophy in the ancient world through study of the works of representative philosophers. Philosophy 202 may be taken prior to this course.

**202. History of Modern Philosophy** 3 semester hours
An introduction to the development of philosophic thought since the Renaissance through the study of the works of important philosophers. The chief emphasis is on the seventeenth and eighteenth centuries. This course may be taken prior to Philosophy 201.

**211. Contemporary Moral Issues** 3 semester hours
Moral issues confronting men and women in contemporary society. Topics vary but may include discussion of problems related to abortion, drugs, euthanasia, war, social engineering, and punishment of criminals.

**309. Philosophy of Mind** 3 semester hours
A study of traditional problems pertaining to understanding the concept of mind, for example, the mind-body relation, personal identity, and theories of consciousness.

**310. Ethics for the Professions** 3 semester hours
A critical examination of selected moral issues and problems of current concern within the professions. Specific topics for study vary, but they are of special interest for the fields of medicine and health care, law and criminal justice, business, education, and journalism.

**311. Ethics** 3 semester hours
A study of the moral principles of conduct and the basic concepts underlying these principles, such as good, evil, right, wrong, justice, value, duty, and obligation. The ethical works of influential philosophers are analyzed in terms of these concepts.

101. Introduction to Physical Education 3 semester hours
An introduction and interpretation of the physical education field designed to provide an understanding of its scope. Historical background, principles, philosophy, current issues, professional leadership and publications are considered. Prerequisite or corequisite for technique courses.

105. a,b,c,d,e,f Activity Courses for the Non-Major 1 semester hour
(a) physical activities for children, (b) swimming and water safety, (c) individual and dual sports, (d) folk, square, and social dance, (e) gymnastics and tumbling, (f) team sports. Pass-Fail.

120. Fundamentals of Movement and Body Conditioning 1 semester hour
Development and improvement of basic axial and locomotor movements as they pertain to physical education activities. Emphasis is placed on agility, flexibility, strength, and endurance through body conditioning. Fundamental knowledge of various fitness programs and terminology is taught. Pass-Fail.

121. Golf and Bowling 1 semester hour
Technique course emphasizing skill development, playing strategy, knowledge of rules, scoring, and tournament play. Pass-Fail.

122. Tennis and Badminton 1 semester hour
Technique course emphasizing skill development, playing strategy, knowledge of rules, scoring, and tournament play. Pass-Fail.

125. Combatives 1 semester hour
Technique course emphasizing skill development, strategy, knowledge of rules, scoring, and tournament competition in wrestling, judo, karate, and boxing. Pass-Fail.

126. Soccer and Track and Field 1 semester hour
Technique course emphasizing skill development, strategy, knowledge or rules, scoring, and meet direction. Pass-Fail.

127. Handball and Racquetball 1 semester hour
Technique course emphasizing skill development, playing strategy, knowledge of rules, scoring, and tournament play. Pass-Fail.

130. Modern Dance 1 semester hour
Beginning technique and skill development in modern, interpretive and jazz dance. Additional emphasis is placed upon terminology, dance props, costuming, artists, and dance. Pass-Fail.

140. Adult Recreational Sports 1 semester hour
An introduction to adult recreational sports techniques. Methods and materials for teaching activities of carry-over value adaptable to junior and senior high facilities. Includes such activities as boating, fishing, hunting, camping, backpacking, sking, and recreational games. Pass-Fail.

150. Beginning Gymnastics and Tumbling 1 semester hour
Technique course emphasizing skill development, safety, scoring, and an introduction to competitive routines. Pass-Fail.

160. Flag Football, Basketball, Softball 1 semester hour
Technique course emphasizing skill development, playing strategy, knowledge of rules, and scoring in flag football, basketball, and softball. Pass-Fail.

163. Field Hockey and Volleyball 1 semester hour
Technique course emphasizing skill development, playing strategy, knowledge of rules, and tournament play. Pass-Fail.

180. Swimming 1 semester hour
Technique course emphasizing skill development, basic strokes, elementary diving, knowledge of water and pool safety. Pass-Fail.

201. Teaching of Physical Education 3 semester hours
Orientation to teaching physical education in the public schools. This course emphasizes teaching styles, methods and curriculum with two contact hours each week in public school for observation and teacher aide experiences. Two hours of lecture are held per week. Prerequisite or Corequisite: Physical Education 101 and sophomore standing.

210. Physical Activities for Children 1 semester hour
Games for low-level organization, lead-up games, relay games, tumbling, and rhythms.

242. Principles of Recreation 3 semester hours
The significance and meaning of leisure in modern society, theories of play, the recreational movement in the U.S., and programs of recreation in the school, community, and industry.

265. Officiating of Sports 3 semester hours
Careful study of rules, officiating techniques, and problems arising in officiating, with emphasis on major team sports. Students are encouraged to obtain official's rating.

280. Swimming and Water Safety 1 semester hour
A course for advanced swimmers including teaching of swimming and water safety, skill mastery, lifesaving, pool hygiene, management, and safety.

315. Physical Education for the Elementary School Teacher — 2 semester hours
Selection of suitable physical education activities based upon the growth and developmental needs of the elementary child. Integration of physical education with other school subjects. Skills and methods of teaching, inclusion of such activities as story plays, games, stunts, relays, and rhythmical activities. Ten hours of public school teaching experiences provided. Prerequisite: Foundations of Education 333.

320. Individual and Dual Sports — 2 semester hours
Skills analysis, methods, and techniques for organizing and teaching tennis, badminton, golf, bowling, and other individual and dual sports. Prerequisite or Corequisite: Physical Education 101, minimal skills competency, and consent of instructor.

330. Folk, Square, and Social Dance — 2 semester hours
Methods and technique course emphasizing basic steps, terminology, sequence of movement, and methods of teaching folk, square, and social dance. Opportunities for teaching experience. Prerequisite or Corequisite: Physical Education 101 and consent of instructor.

350. Gymnastics and Tumbling — 2 semester hours
Skills analysis, methods and techniques for organizing and teaching tumbling apparatus and free floor gymnastics. Safety, sporting techniques, skill progressions are stressed. Prerequisite or Corequisite: Physical Education 101, minimal skill competency, and consent of instructor.

360. Team Sports — 2 semester hours
Skills analysis, methods and techniques for organizing and teaching soccer, field hockey, volleyball, and other team sports. Prerequisite or Corequisite: Physical Education 101, minimal skill competency, and consent of instructor.

370. Protective Practices in Physical Education — 3 semester hours
Modern principles and practices in the conditioning and care of athletes. Safety in athletics, prevention of injuries, and methods of massage and taping. Lectures and laboratory experiences. Prerequisite or Corequisite: Biology 232 and 242.

390. Field Experience — 1-3 semester hours
School or community experiences related to aspects of physical education. Prerequisite: minimum sophomore standing and consent of advisor and dean.

399. Independent Study — 1-3 semester hours
Topics assigned and approved by advisor and department head.

Note: For courses numbered 400-level or above students must have junior standing, be admitted to the Professional Program for Teacher Education, and successfully have completed Physical Education 101.

401. Kinesiology 3 semester hours
Analysis of the functions of the skeletal, joint and muscular systems, with emphasis on the mechanics of movement in human performance. Prerequisite or Corequisite: Biology 232 and 242.

403. Organization and Administration of Intramural and Extramural Activities 3 semester hours
Planning and coordinating intramural and extramural sports programs commonly associated with physical education. Includes philosophy, understanding of finance, facilities, organization, and awards.

479. Directed Teaching in High School (Physical Education) 15 semester hours
A full semester of supervised clinical experiences, including 7 two-hour and 3 day-long seminars and workshops for students who are preparing to teach in physical education settings. The directed experience includes half a semester in an elementary school and half a semester in a high school. The content of the seminars includes the exploration of ethical issues, experience in research through the analysis and evaluation of teaching and oral presentation of research results. Approval of the Teacher Education Admissions Committee.

505. Elementary School Physical Education 3 semester hours
An intensive investigation and study of the philosophic and scientific bases of elementary school physical education. Topics such as human growth and development, supervisory problems, facilities, and teaching techniques are included.

545. Measurement and Evaluation of Physical Education 3 semester hours
The historical background of measurement in physical education, basic statistical techniques utilized in scoring and interpreting tests, evaluation of measures now available in the field, and the administration of a testing program. Prerequisite: Mathematics 201 or Psychology 225, 15 credits in physical education theory courses and 6 semester hours of technique courses.

553. Organization and Administration of Physical Education 3 semester hours
Organization and management of instructional, intramural, interscholastic, and recreational programs, with emphasis on criteria for the selection and evaluation of activities. Prerequisite: 15 credits in physical education theory courses and 6 semester credits of technique courses.

562. Physical Education for the Exceptional Child 3 semester hours
The techniques for appraising students with faulty body mechanics, orthopedic defects, and other atypical physical conditions. Methods of handling, within the regular physical education class, the various handicaps commonly found in the school situation. Programs of developmental activity and guidance of students with disabilities which restrict them in regular class participation in physical education. Prerequisite: Biology 232 and 242.

590. Research Methods in Physical Education 3 semester hours
A study in methods and tools of research in physical education, with reference to research publications in the field. Provisions for student to engage in original research. Prerequisite: 18 hours in professional physical education including Physical Education 101 and 545.

## PHYSICS (SPHS)

101. Introduction to Physical Science I 3 semester hours
An introduction to the concepts, ideas, and methods of physical science. Particular emphasis is given to the principles of classical physics and chemistry. Three hours lecture per week.

101L. Physical Science Laboratory I 1 semester hour
Experiments, exercises, and demonstrations to accompany Physics 101. Prerequisite or Corequisite: Physics 101.

102. Introduction to Physical Science II 3 semester hours
A continuation of Physics 101, with emphasis on ideas, trends, and applications of modern science. Three hours lecture per week.

201. General Physics I 4 semester hours
The first part of an introductory course sequence covering mechanics, electromagnetism, wave motion, sound, heat, optics, relativity, quantum physics, atomic physics, and nuclear physics. No previous background in physics is assumed. Three hours lecture, one hour recitation, and 1 two-hour laboratory per week. Prerequisite: Mathematics 125 or consent of instructor.

202. General Physics II 4 semester hours
A continuation of Physics 201. Three hour lecture, one hour recitation, and 1 two-hour laboratory per week. Prerequisite: Physics 201 or consent of instructor.

211. Essentials of Physics I 4 semester hours
Mechanics, heat, wave motion and optics, electromagnetism, and modern physics. First portion of a two-semester calculus-level course primarily for students of science and engineering. Three hours lecture, one hour recitation, and 1 two-hour laboratory per week. Prerequisite: Mathematics 141.

212. Essentials of Physics II 4 semester hours
A continuation of Physics 211. Three hours lecture, one hour recitation, and 1 two-hour laboratory per week.

## POLITICAL SCIENCE

See Government and International Studies

## PSYCHOLOGY (SPSY)

Note: Psychology 101 is a prerequisite for all other psychology courses unless otherwise specified.

Courses at the 300-level are survey courses of basic content areas of psychology. As the purpose of these courses is to introduce students to a broad range of information, a lecture format is employed generally. In addition to textbook assignments, students are introduced to articles in scientific journals. Assessment usually includes objective and essay exams, as well as brief papers.

There are two types of courses at the 400-level. Psychology 402, Experimental Topics in Psychology, focuses on experimental methodology applied to a previously encountered content area. The topic covered changes each semester and is listed in the course schedule. Prerequisites are Psychology 224, 225 (or a statistics course) and the 300-level course corresponding to the topic covered, or consent of the instructor. The remaining courses at the 400-level focus on more specialized content areas than those presented at the 300-level. Students should see course descriptions for specific prerequisites.

Courses at the 500-level focus on integration and critical analysis of theories and pertinent research data. The general prerequisites for all 500-level courses are Psychology 224 and 225 (or a statistics course) or consent of instructor. Students are expected to actively participate in classroom discussions. Assessment relies heavily on essay exams, comprehensive research papers, or both.

101. Introduction to Psychology 3 semester hours
A survey of major topics in psychology (learning, perception, motivation, intelligence, etc.) and an introduction to methods used in psychological investigation. Unless otherwise specified, this course is a prerequisite to all other psychology courses.

224. Introduction to Experimental Psychology 4 semester hours
An introduction to research methods for the study of behavior. Lectures, class discussion, and laboratory exercises drawn from diverse areas of psychology are used to provide practical knowledge and skill in data analysis, experimental design, and writing technical reports. Prerequisite: Psychology 101.

225. Psychological Statistics 3 semester hours
A course in fundamental statistical principles with applications. Topics include: measures of central tendency, variance, relative standing, techniques of regression and correlation, statistical hypothesis testing, analysis of variance, and non-parametric statistics. Prerequisite: Psychology 101, 224, or consent of instructor.

302. Developmental Psychology 3 semester hours
An introduction to Life Span Developmental Psychology providing an overview of cognitive, social, emotional, and physical development from conception to senescence. Prerequisite: Psychology 101 or Education 335.

303. Psychology of Learning and Memory 3 semester hours
An introduction to basic principles and theories of learning and memory. Topics such as habituation, classical and instrumental conditioning, verbal learning, social learning theory, behavior modification, and modeling are discussed. Prerequisite: Psychology 101 or consent of instructor.

305. Sensory Processes 3 semester hours
The physical (nonsocial) dimensions of environments and its effects on behavior. Prerequisite: Psychology 101 or consent of instructor.

307. Social Psychology 3 semester hours
The principles governing human interaction including factors such as group dynamics, leadership, prejudice, and propaganda. Prerequisite: Psychology 101 or consent of instructor.

308. Physiological Psychology 3 semester hours
This course looks at basic neural and endocrine processes and their correlation with behavior. Prerequisite: Psychology 101 or consent of instructor.

309. Psychology of Personality 3 semester hours
A study of the major theories of personality and the factors involved in the development of personality. Prerequisite: Psychology 101 or consent of instructor.

**310. Abnormal Psychology** 3 semester hours
A study of the nature of mental and emotional disorders. Topics such as theories of emotional disorders and the causes and treatment of various disorders are discussed. Prerequisite: Psychology 101 or consent of instructor.

**311. Industrial and Organizational Psychology** 3 semester hours
A survey of the theoretical and empirical foundations of human behavior in industries and organizations. Special consideration is given to applied problems as they relate to improving relationships between individuals and organizations. Prerequisite: Psychology 101 or consent of instructor.

**330. Applied Psychology** 3 semester hours
An introduction to the practical applications of psychology. Special consideration is given to how psychological concepts are applied in such areas as mental health, industry, schools, law enforcement, and advertising. Prerequisite: Psychology 101 or consent of instructor.

**350. Psychology of Adjustment** 3 semester hours
A study of the process by which people adjust to the demands made upon them a a result of living with others. Basic processes of motivation and learning are examined, especially as these relate to the acquisition of the mechanisms of adjustment. Prerequisite: Psychology 101 or consent of instructor.

**399. Independent Study** 3–6 semester hours
The student, in conjunction with a psychology faculty member, plans an individualized study program.

**402. Experimental Topics in Psychology** 4–8 semester hours
Experimental topics courses focus on formation of testable hypotheses, research strategies, data collection and analysis, critical evaluation and scientific documentation as applied to a particular content area in psychology (for example, development, learning and memory, social, physiological, personality, industrial and organizational). Laboratory experiences are an integral part of this course. Prerequisite: Psychology 101, 224, 225 (or a statistics course) and corresponding 300-level course, or consent of instructor.

**417. Psychological Tests** 3 semester hours
A consideration of the theory, development, and application of intelligence, achievement, aptitude, and personality assessment measures. Prerequisite: Psychology 225 or consent of instructor.

418. Psychology of the Exceptional Child 3 semester hours
A study of the exceptional child including the causes, characteristics, and guidance needs of these children. Topics such as mental deficiency, physical handicaps, and the unusually bright child are considered. Prerequisite: a course in the area of child psychology or development.

419. Psychology of the Mentally Retarded 3 semester hours
The nature and causes of mental retardation, the behavior and potentialities of retarded children. Prerequisite: a course in the area of child psychology or child development.

450. Undergraduate Practicum in Psychology I 3 semester hours
An introduction to the acquisition of minimal technical competence in interviewing, observational techniques, report writing, data analysis, and ethical issues. Brief introduction to operant measure. Prerequisite: Psychology 101 and consent of instructor.

460. Human Sexual Behavior 3 semester hours
An introduction to the psychological, physiological, and sociological factors in the study of human sexual behavior and attitudes. Prerequisite: junior or senior standing, Psychology 101, or consent of instructor.

502. Senior Seminar: Special Topics in Psychology 3-6 semester hours
A study of selected topics in psychology planned around areas of faculty interest and competence. This course focuses on integration and critical analysis of psychological theories and pertinent research data, and it explores moral issues in psychology. Assessment relies on essay exams, comprehensive research papers, and oral presentations. Prerequisite: Psychology 101, 224, 225 (or a statistics course), or consent of instructor.

503. Senior Seminar: Child Psychology 3 semester hours
An examination of the cognitive, social, emotional, and physical development of children from preschool age to adolescence. Theories are discussed and evaluated in light of pertinent research. This course focuses on integration and critical analysis of psychological theories and pertinent research data, and it explores moral issues in psychology. Assessment relies on essay exams, comprehensive research papers, and oral presentations. Prerequisite: Psychology 101, 224, 225 (or a statistics course), Psychology 302, or consent of instructor.

**505. Senior Seminar: Psychology of Adolescence** **3 semester hours**
An examination of cognitive, social, emotional, and physical development during the period of adolescence. Theories are discussed in light of pertinent research. This course focuses on integration and critical analysis of psychological theories and pertinent research data, and it explores moral issues in psychology. Assessment relies on essay exams, comprehensive research papers, and oral presentations. Prerequisite: Psychology 101, 224, 225 (or a statistics course), Psychology 302, or consent of instructor.

**506. Senior Seminar: Maturity and Aging** **3 semester hours**
An examination of cognitive, social, emotional, and physical development in the adult years. Theories are discussed in light of pertinent research. This course focuses on integration and critical analysis of psychological theories and pertinent research data, and it explores moral issues in psychology. Assessment relies on essay exams, comprehensive research papers, and oral presentations. Prerequisite: Psychology 101, 224, 225 (or a statistics course), Psychology 302, or consent of instructor.

**508. Senior Seminar: History and Systems of Psychology** **3 semester hours**
The historical roots of modern psychological theories are discussed and various present day approaches are surveyed. This course focuses on integration and critical analysis of psychological theories and pertinent research data, and it explores moral issues in psychology. Assessment relies on essay exams, comprehensive research papers, and oral presentations. Prerequisite: Psychology 101, 224, 225 (or a statistics course) or consent of instructor.

**510. Senior Seminar: Abnormal Behavior in Children** **3 semester hours**
Theories of child behavior problems, descriptions of types of disorders, and assessment methods of intervention in the home, school, and residential treatment centers are discussed. This course focuses on integration and critical analysis of psychological theories and pertinent research data, and it explores moral issues in psychology. Assessment relies on essay exams, comprehensive research papers, and oral presentations. Prerequisite: Psychology 101, 224, 225 (or a statistics course), Psychology 302, or consent of instructor.

512. Senior Seminar: Theories of Counseling and Psychotherapy 3 semester hours
A study of the different approaches to counseling and psychotherapy with emphasis upon both theory and technique involved in the various approaches. This course focuses on integration and critical analysis of psychological theories and pertinent research data, and it explores moral issues in psychology. Assessment relies on essay exams, comprehensive research papers, and oral presentations. Prerequisite: Psychology 101, 224, 225 (or a statistics course), Psychology 309 or consent of instructor.

540. Senior Seminar: Cognitive Processes 3 semester hours
Experimental approaches to cognitive processes. Data and theory relating to attention, intelligence, cognitive growth, problem solving, and concept formation are discussed. This course focuses on integration and critical analysis of psychological theories and pertinent research data, and it explores moral issues in psychology. Assessment relies on essay exams, comprehensive research papers, and oral presentations. Prerequisite: Psychology 101, 224, 225 (or a statistics course), or consent of instructor.

542. Senior Seminar: Psychology of Women 3 semester hours
The biological and cultural antecedents of women's roles, present day status, experiences of women, and the potential future for women through alternatives to present day lifestyles and methods of change are discussed. This course focuses on integration and critical analysis of psychological theories and pertinent research data, and it explores moral issues in psychology. Assessment relies on essay exams, comprehensive research papers, and oral presentations. Prerequisite: Psychology 101, 224, 225 (or a statistics course), or consent of instructor.

545. Senior Seminar: Attitudes 3 semester hours
An analysis of attitude theory, measurement, and change. Special consideration is given to issues concerning the assessment and change of attitudes in applied settings such as industries, health organizations, correctional, and educational institutions. This course focuses on integration and critical analysis of psychological theories and pertinent research data, and it explores moral issues in psychology. Assessment relies on essay exams, comprehensive research papers, and oral presentations. Prerequisite: Psychology 101, 224, 225 (or a statistics course) and Psychology 307, or consent of instructor.

## SOCIOLOGY (SSOC)

Note: Sociology 101 is prerequisite to all other Sociology courses.

**101. Introductory Sociology** 3 semester hours
An introduction to sociological facts and principles, an analysis of group-making processes and products.

**220. Elementary Statistics for Sociologists** 3 semester hours
An introduction to concepts and applications of quantitative methods, including descriptive and inferential statistics. Emphasis on analysis of empirical sociological data. (Equivalent to Psychology 225.)

**300. Social Structures** 3 semester hours
Selected theoretical orientations, methodological procedures, and illustrative substantive data pertaining to social structures. Prerequisite: Sociology 220 or equivalent course in quantitative methods.

**305. Sociology of the Family** 3 semester hours
Sociological perspectives related to various aspects of family behaviors, roles, and values.

**308. Community Organization** 3 semester hours
An analysis of the formal and informal organization, the interrelationships among public and private agencies, and means through which community action programs are initiated, coordinated, and maintained.

**309. An Introduction to Social Inequality** 3 semester hours
A sociological analysis of the distribution of wealth and income in selected societies.

**310. Social Demography** 3 semester hours
Selected theoretical orientations, methodological procedures, and illustrative substantive data pertaining to population. Prerequisite: Sociology 220 or equivalent.

**315. An Introduction to the Study of Population** 3 semester hours
A demographic analysis of determinants and consequences of world population growth. Population in relation to economic and social development, population pressure, optimum population, and population policies. (Equivalent to Geography 340.)

**320. Individual and Society** 3 semester hours
Selected theoretical orientations, methodological procedures, and illustrated substantive data pertaining to the relations between the individual and society. Prerequisite: Sociology 220 or equivalent course in quantitative methods.

340. Introduction to Social Problems 3 semester hours
Examines disagreement about social norms, deviation from norms, and consequences for social order and change. Resulting problems that may be studied include: mental disorders, juvenile delinquency, crime, drug abuse, alcoholism, suicide, sexual pathology, race and ethnic relations, world population crises, work problems, as well as other current public concerns.

350. Sociology of Delinquent Youth Behavior 3 semester hours
Social factors in the development, identification, and treatment of delinquents. (Equivalent to Criminal Justice 351.)

351. Urban Sociology 3 semester hours
Analysis of urban trends, characteristics, and functions of cities with reference to the social psychological factors in urban living. Attention is directed to the emergence of urbanism in the United States, with particular reference to the Southern region, and to institutions, problems, and city planning.

353. Sociology of Crime 3 semester hours
Social factors in the development, identification, and treatment of criminals. (Equivalent to Criminal Justice 341.)

355. Minority Group Relations 3 semester hours
Theories, methods, and substantive issues in the study of majority-minority group relations and social processes, and cultural orientations associated with racial and ethnic differentiation.

460. Sociology of Mental Health 3 semester hours
Social factors in the development, identification, and treatment of mental illnesses.

502. Political Sociology 3 semester hours
Theory and research concerning the interrelationship between political institutions and social structures. Prerequisite: Sociology 101, 300 or consent or instructor.

506. Social Organization 3 semester hours
Selected theoretical orientation, methodological procedures, and illustrative substantive issues pertaining to organizations. Prerequisite: Sociology 101, 300, or consent of instructor.

523. Sociology of Deviant Behavior 3 semester hours
Theories, methods, and substantive issues in the study of social deviancy. Prerequisite: Sociology 320 or consent of instructor.

SPANISH
See Foreign Languages and Literature

THEATER AND SPEECH (STHE)

**140. Public Address** 3 semester hours
This course is designed to increase students' facilities in the oral communication and to accustom them to speaking before an audience. Prerequisite: English 102 or consent of instructor.

**161, 162 Introduction to Theater Art** 3 semester hours each
Understanding and criticism of dramatic literature, history, and production.

**170. Fundamentals in Acting I** 3 semester hours
The technique of body and voice control, improvisation, interpretation of characters, characterization applied in scenes.

**240. Voice and Diction** 3 semester hours
The analysis, evaluation, and improvement of speech through a study of the anatomy and physiology of the vocal mechanism, voice production, and articulation.

**260. Theater Laboratory** 1 semester hour
Participation in theater production, including stage management, direction, costumes, makeup, lighting, sound, scenery, and business management. No formal class meetings. May be repeated for a total of four credits.

**301. Selected Topics in Theater** 3 semester hours

**440. Argumentation and Debate** 3 semester hours
Preparing and delivering the debate and other forms of public address.

UNIVERSITY (SUNV)

**101. The Student in the University** 3 semester hours
The purposes of higher education and the potential role of an individual student within the university and other learning environments. Open to freshmen only.

**102. Freshman Orientation** 1 semester hour
This course is designed to assist new students to make a successful transition into higher education by emphasizing the social, personal, and academic development of the student. The course considers topics and activities in study skills, time managment, goal setting, careers, health and wellness, responsibility, and cultural awareness. This is an introductory course designed to enhance the relationship between the faculty advisor and the student.

**210. Career Planning and Development** **3 semester hours**
A course designed to instruct students in how to plan and implement career goals which focus on self-understanding. Appraisal of interest and activities and efforts to determine career objectives which lead to a more meaningful and satisfying career.

**301. Critical Analysis and Writing** **3 semester hours**
A course designed to instruct students in applications of rhetoric and informal logic. Written texts, primarily published essays and articles, are analyzed for content and method of presentation. Moreover, techniques are introduced for both identifying and evaluating reasoning as it occurs in natural language uses. Students are expected to produce critical essays of their own, demonstrating first-hand knowledge of the techniques of careful reading and clear writing. Two lecture and one laboratory hour per week. Prerequisite: English 102 or equivalent. (Equivalent to Logic 205.)

**401. Senior Seminar in the Humanities** **4 semester hours**
A seminar for upper-level students which explore interrelationships between the arts and the humanities. The course is devised to improve perceptual, analytical, and communication skills. Individual topics for study vary. (Consult the instructor for a listing of topics for each offering.) Prerequisite: Art 106, Music 110, University 301, or consent of instructor.

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| William F. Price, M.D. | Duke University |
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| John R. Scott, M.D. | University of Alabama School of Medicine |
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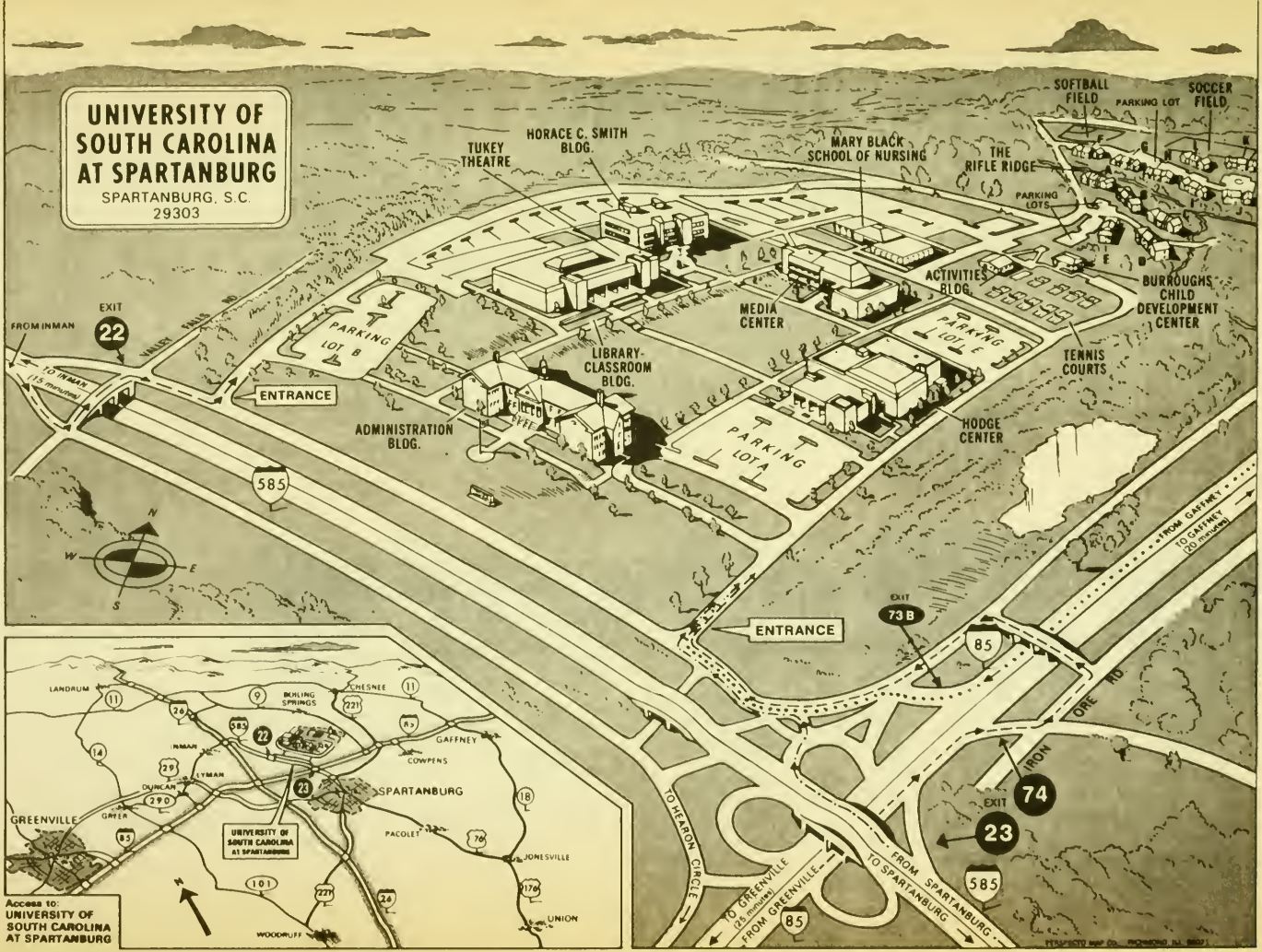
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PARKING LOT B
PARKING LOT E
ENTRANCE
EXIT 22
FROM INMAN
TO INMAN (15 minutes)
VALLEY FALLS RD
585
N
W
E
S
EXIT 73 B
85
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TO GAFFNEY (20 minutes)
IRON ORE RD
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TO SPARTANBURG
FROM SPARTANBURG
TO GREENVILLE (25 minutes)
FROM GREENVILLE
TO HEARON CIRCLE
LANDRUM
BOILING SPRINGS
CHESNEE
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